PARTNER
Engineering and Science, Inc.®

PHASE II SUBSURFACE INVESTIGATION REPORT

Shell Gasoline Station
5696 Stevens Creek Boulevard
San Jose, California 95129

January 10, 2017
Partner Project Number: 16-174952.1

Prepared for:

Asset Gas, Inc. and/or Assignee
7969 Engineer Road, Suite 108
San Diego, California 92111

Engineers who understand your business

PARTNER
Engineering and Science, Inc.

January 10, 2017

Mr. Hunter Oliver
Asset Gas, Inc. and/or Assignee
7969 Engineer Road, Suite 108
San Diego, California 92111

Subject: Phase II Subsurface Investigation Report
Shell Gas Station
5696 Stevens Creek Boulevard
San Jose, California 95129
Partner Project Number: 16-174952.1

Dear Mr. Oliver:

Partner Engineering and Science, Inc. (Partner) is pleased to provide the results of the assessment performed on the above-referenced property. The following report describes the field activities, methods, and findings of the Phase II Subsurface Investigation conducted at the above-referenced property.

This assessment was performed utilizing methods and procedures consistent with good commercial or customary practices designed to conform to acceptable industry standards. The independent conclusions represent Partner's best professional judgment based upon existing conditions and the information and data available to us during the course of this assignment.

We appreciate the opportunity to provide these services. If you have any questions concerning this report, or if we can assist you in any other matter, please contact Mr. Mark Lambson at (619) 925-9672.

Sincerely,

Partner Engineering and Science, Inc.

Mr. Brian Kim
Environmental Scientist

Mr. Joe Mangine, PG
Project Manager

Mr. Mark Lambson
Principal

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ATTACHMENTS

1.0 INTRODUCTION

1.1 Purpose

It is Partner's understanding that the subject property will be potentially redeveloped with a new building and up to three subgrade levels for use as a hotel. The purpose of the investigation was to evaluate the remaining impacts of petroleum hydrocarbons and/or volatile organic compounds (VOCs) to soil and/or soil gas as a consequence of a release or releases from the previous and/or current site operations, including the historical and/or current underground storage tanks (USTs). Asset Gas, Inc. and/or Assignee provided project authorization of Partner Proposal Number P16-174952.2.

1.2 Limitations

This report presents a summary of work conducted by Partner. The work includes observations of site conditions encountered and the analytical results provided by an independent third party laboratory of samples collected during the course of the project. The number and location of samples were selected to provide the required information. However, it cannot be assumed that the limited available data are representative of subsurface conditions in areas not sampled.

Conclusions and/or recommendations are based on the observations, laboratory analyses, and the governing regulations. Conclusions and/or recommendations beyond those stated and reported herein should not be inferred from this document.

Partner warrants that the environmental consulting services contained herein were accomplished in accordance with generally-accepted practices in the environmental engineering, geology, and hydrogeology fields that existed at the time and location of work. No other warranties are implied or expressed.

1.3 User Reliance

Partner was engaged by Asset Gas, Inc. and/or Assignee (the Addressee), or their authorized representative, to perform this investigation. The engagement agreement specifically states the scope and purpose of the investigation, as well as the contractual obligations and limitations of both parties. This report and the information therein, are for the exclusive use of the Addressee. This report has no other purpose and may not be relied upon, or used, by any other person or entity without the written consent of Partner. Third parties that obtain this report, or the information therein, shall have no rights of recourse or recovery against Partner, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify and hold Partner, the Addressee and their respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such use. Unauthorized use of this report shall constitute acceptance of, and commitment to, these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted.

This report has been completed under specific Terms and Conditions relating to scope, relying parties, limitations of liability, indemnification, dispute resolution, and other factors relevant to any reliance on this

report. Any parties relying on this report do so having accepted the Terms and Conditions for which this report was completed.

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2.0 SITE BACKGROUND

2.1 Site Description

The subject property consists of one parcel of land comprising approximately 0.34 acre located on the southeastern corner of the intersection of Stevens Creek Boulevard and Stern Avenue within a mixed residential and commercial area of Santa Clara County, California. The subject property is currently developed with one gasoline station building with two service bays, four fuel dispenser islands under a single canopy, and two fiberglass gasoline USTs totaling 12,000-gallons; and is occupied by Shell Gasoline station. In addition to the structures, the subject property is improved with asphalt-paved parking areas and associated landscaping.

The subject property is bound by Woodcrest Hotel and IHOP Restaurant to the north across Stevens Creek Boulevard, Suite America to the east, 7-Eleven convenience store to the south, and Sunflower Learning center to the west across Stern Avenue. Refer to Figure 1 for a site plan showing site features and surrounding properties.

2.2 Site History

Based on the information provided, the subject property was formerly equipped with one diesel UST (unknown size) and one 280-gallon waste oil UST. An Unauthorized Release Form was filed in 1994 following removal of the diesel UST. The waste oil UST was removed in 1995. Since 1995, several rounds of subsurface investigation, groundwater monitoring, and remediation has occurred at the subject property. Case closure was issued by the Santa Clara County Department of Environmental Health (SCCDEH) on October 1, 2015 confirming the completion of the investigation and cleanup of the reported release in accordance with the requirements of the State Water Resources Control Board (SWRCB) Low-Threat UST Case Closure Policy (LTCP). At the time of closure, residual impacts to soil included total petroleum hydrocarbons as gasoline (TPH-g) up to 8,200 milligrams per kilogram (mg/kg) and benzene up to 36 mg/kg. Residual impacts to groundwater included TPH-g up to 480 micrograms per liter (µg/L), with benzene and methyl tert-butyl ether (MTBE) below laboratory reporting limits (RLs).

2.3 Geology and Hydrogeology

Based on a review of the United States Geological Survey (USGS) *Cupertino, California* Quadrangle topographic map, the subject property is situated at an elevation approximately 178 feet above mean sea level, and the local topography is sloping gently to the north-northeast. Refer to Figure 2 for a topographic map of the site vicinity.

The subject property is situated within the Coastal Ranges physiographic province of the State of California. The Coast Ranges are northwest-trending mountain ranges (2,000 to 4,000, occasionally 6,000 feet elevation above sea level), and valleys. The ranges and valleys trend northwest, subparallel to the San Andreas Fault. Strata dip beneath alluvium of the Great Valley. To the west is the Pacific Ocean. The coastline is uplifted, terraced and wave-cut. The Coast Ranges are composed of thick Mesozoic and Cenozoic sedimentary strata. The northern and southern ranges are separated by a depression containing the San Francisco Bay. The northern Coast Ranges are dominated by irregular, knobby, landslide-topography of the Franciscan Complex. The eastern border is characterized by strike-ridges and valleys in Upper Mesozoic strata. In

several areas, Franciscan rocks are overlain by volcanic cones and flows of the Quien Sabe, Sonoma and Clear Lake volcanic fields. The Coast Ranges are subparallel to the active San Andreas Fault. The San Andreas is more than 600 miles long, extending from Pt. Arena to the Gulf of California. West of the San Andreas is the Salinian Block, a granitic core extending from the southern extremity of the Coast Ranges to the north of the Farallon Islands.

Based on borings advanced during this investigation, the underlying subsurface consists predominantly of clay material from the ground surface to approximately 30 feet below ground surface (bgs). Refer to Appendix A for boring logs from this investigation.

Groundwater was not encountered during this investigation and was not a part of the scope of work. According to the most recent data collected at the subject property in January 2015, groundwater beneath the subject property was first encountered at approximately 105 feet below ground surface (bgs), with flow direction to the north-northeast.

3.0 FIELD ACTIVITIES

Refer to Table 1 for a summary of the borings, sampling schedule and laboratory analyses for this investigation. The scope of the Phase II Subsurface Investigation included the advancement of five borings (B1 through B5) for the collection of representative soil and/or soil gas samples.

3.1 Preparatory Activities

Prior to the initiation of fieldwork, Partner completed the following activities.

3.1.1 Utility Clearance

Partner delineated the work area with white spray paint and notified Underground Service Alert of Northern California (USA North) to clear public utility lines as required by law at least 48 hours prior to drilling activities. USA North issued ticket number W634901247-00W for the project.

In addition, Partner subcontracted with Pacific Coast Locators (PCL) on December 16, 2016 to clear boring locations of utilities. PCL systematically free-traversed each proposed boring location with a Ground Penetrating Radar (GPR)-6551/5IR3000, and a Vivax locator with transmitter; and the equipment readouts were interpreted in real time for evidence of utility lines and/or other subsurface features of potential concern. Boring placement was modified as necessary based on the geophysical survey results to avoid damaging underground features.

3.1.2 Health and Safety Plan

Partner reviewed the site-specific Health and Safety Plan with on-site personnel involved in the project prior to the commencement of drilling activities.

3.2 Drilling Equipment

On December 21, 2016, Partner subcontracted with Environmental Control Associates, Inc. (ECA) (State of California Water Well Drilling Contractor License Number 695970) to provide and operate drilling equipment. ECA, under the direction of Partner, advanced all borings (B1 through B5) with a truck-mounted GeoProbe Model 5410 direct push rig. Sampling equipment was decontaminated between sample intervals and boring locations to prevent cross-contamination.

3.3 Boring Locations

All boring were advanced in the northern portion of the subject property. Borings B1, B2, B3, and B4 were advanced adjacent to the south, northwest, northeast, and east of the on-site USTs, respectively. Boring B5 was advanced in the northeastern portion of the subject property. Refer to Figure 3 for a map indicating boring locations.

3.4 Soil Sampling

All borings (B1 through B5) were overlain by asphalt, which was penetrated using a punch bit attachment advanced by the direct-push drill rig.

Soil samples were collected using a four-foot long by two-inch diameter MacroCore sampler with a four-foot long acetate liner, which was advanced by the direct-push drill rig using four-foot long by 1.5-inch diameter drill rods. The sampler was driven into the subsurface to allow undisturbed soil to enter the open MacroCore barrel and retrieved in four-foot intervals to recover the soil-filled liners.

Samples were prepared for laboratory analysis by cutting an approximately six-inch long section of the liner using a hacksaw and capped on either end with Teflon tape and plastic caps. The capped liners were labeled for identification and stored in an iced cooler. The remaining soil in the liner was visually inspected for discoloration, monitored for odors, classified in accordance with the Unified Soil Classification System (USCS), placed in a sealable plastic bag, and field-screened with a photoionization detector (PID) calibrated to isobutylene. None of the collected soil samples appeared to exhibit discoloration or an odor. None of the PID readings suggested the presence of elevated volatile organics concentrations.

Soil samples were collected from each boring at 5, 10, 15, 20, 25, and 30 feet bgs; with the exception of boring B4, which was not advanced nor soil sampled due to difficult drilling conditions.

3.5 Soil Gas Probe Construction

Soil gas probes screened at five feet bgs were constructed in new boreholes advanced within five-feet of the soil boreholes. Soil gas boreholes were backfilled with dry, granular bentonite to approximately six inches below the desired sampling depth. A new section of ¼-inch diameter NylaFlow tubing with a new ¼-inch diameter polypropylene filter at the terminal end was inserted into the borehole to the desired sampling depth. One-inch diameter polyvinyl chloride (PVC) casing was used as a guide for the tubing to ensure that the desired sampling depth was achieved. Sand was poured into the boring annulus to form an approximately one-foot long sand pack around the polypropylene filter, at which time the PVC piping was withdrawn. Approximately one foot of dry, granular bentonite was placed atop the sand pack and the remainder of the borehole was backfilled with hydrated bentonite to the ground surface to form a seal. The sampling end of the tubing was fitted with a valve and the probe was labeled for identification.

3.6 Soil Gas Sampling Methodology

Soil gas samples were collected in general accordance with the July 2015 Department of Toxic Substances Control (DTSC) and Los Angeles Regional Water Quality Control Board (LARWQCB) "Advisory – Active Soil Gas Investigations."

Soil gas samples were collected using one-liter, stainless-steel, cylindrical SUMMA canisters. The sampling containers were provided by SunStar Laboratories, Inc. (SunStar) a state-certified laboratory (California Department of Public Health Environmental Laboratory Accreditation Program certificate number 2250) in Lake Forest, California, which subjected each canister to a rigorous cleaning process using a combination of dilution, heat, and high vacuum. After cleaning, the canisters were batch certified to be free of target contaminants to a specified reporting limit via gas chromatography/mass spectroscopy prior to delivery.

Partner received the SUMMA canisters evacuated to approximately 30 inches of mercury. The SUMMA canisters were fitted with stainless-steel flow controllers, which SunStar calibrated to maintain constant flow (approximately 0.1 liter per minute) for approximately five to 10 minutes of sampling time.

Each probe was allowed to equilibrate for a minimum of two hours after installation prior to sampling. After equilibration, the sample tubing and sampler screen were purged of ambient air using a separate one-liter SUMMA purge volume canister evacuated to approximately 30 inches of mercury. Tracer gas isopropanol was placed around each probe at the ground surface while sampling to detect ambient air intrusion. The tracer gas was not detected in any sample, indicating that the integrity of the bentonite seal was maintained. Once the one-liter purge volume canisters were filled, the sampling end of the tubing was fitted to the sampling canister and the port valve was opened, causing air to enter the sample container due to the pressure differential. Partner closed the valves after the canister was evacuated to approximately two to sixteen inches of mercury, with pertinent data (e.g., time, canister vacuum) recorded at the start and end of sampling. The SUMMA canisters were labeled for identification and stored away from direct sunlight prior to analysis. Partner successfully connected individual one-liter SUMMA canisters to each sampling point. Soil gas samples were collected from each boring at five feet bgs.

3.7 Post-Sampling Activities

Probes were removed from the subsurface and the boreholes were backfilled with hydrated bentonite chips and/or neat cement following sampling activities. Boreholes advanced in improved areas were capped with asphalt patch to match existing ground cover after being backfilled.

No significant amounts of derived wastes were generated during this investigation.

4.0 LABORATORY ANALYSIS

4.1 Laboratory Analysis

Partner collected 24 soil samples and five soil gas samples on December 21, 2016, which were transported in an iced cooler under proper chain-of-custody protocol to SunStar, for analysis on December 23, 2016. Based on field-screening results, visual observations, and/or olfactory observations, five soil samples were analyzed for carbon chain total petroleum hydrocarbons (TPH-cc) in accordance with EPA Method 8015 and VOCs in accordance with EPA Method 8260; and all soil gas samples (five samples total) were analyzed for VOCs in accordance with EPA Method TO-15. The remaining soil samples were placed on hold at the laboratory.

4.2 Laboratory Analytical Results

Laboratory analytical results are included in Appendix B and discussed below.

4.2.1 Soil Sample Analytical Results

None of the analyzed soil samples contained detectable concentrations of TPH-cc above the laboratory RLs; with the exception of soil sample B3-25, which contained detectable concentration of total petroleum hydrocarbons as motor oil (TPH-o) exceeding the laboratory RL, at 140 mg/kg.

None of the analyzed soil samples contained detectable concentrations of VOCs above the laboratory RLs.

Refer to Tables 2 and 3 for a summary of the soil sample TPH-cc and VOCs laboratory analysis results, respectively.

4.2.2 Soil Gas Sample Analytical Results

Soil gas samples B1-SG5 and B2-SG5 contained detectable concentration of trichloroethylene (TCE) above the laboratory RL, at 770 micrograms per cubic meter (µg/m^3) and 1,200 µg/m^3, respectively. No other VOCs were detected in soil gas samples B1-SG5 or B2-SG5 above the laboratory RLs. Soil gas samples B3-SG5, B4-SG5, and B5-SG5 contained detectable concentrations of one or more of the following VOCs above the laboratory RLs; benzene, toluene, ethylbenzene, xylenes, acetone, carbon disulfide, cyclohexane, bromodichloromethane, heptane, hexane, tetrahydrofuran, 1,2,4-trimethylbenzene, and 2-butanone (methyl ether ketone). The highest detected concentration of benzene was 54 µg/m^3, toluene was 230 µg/m^3, ethylbenzene was 9.9 µg/m^3, xylene was 57 µg/m^3, acetone was 170 µg/m^3, bromodichloromethane was 16 µg/m^3, and MEK was 34 µg/m^3. No other VOCs were detected in soil gas samples B3-SG5, B4-SG5, or B5-SG5 above the laboratory RLs.

Refer to Table 4 for a summary of the soil gas sample VOCs laboratory analysis results.

5.0 DISCUSSION AND CONCLUSIONS

5.1 Regulatory Agency Guidance

February 2016 Environmental Screening Levels (ESLs)

The San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) has established regulatory agency guidance, ESLs, as an initial screening level evaluation. ESLs aid in assessing the potential threats to human health, terrestrial/aquatic habitats, and/or drinking water resources due to contaminants in soil, soil gas, and/or groundwater. Under most circumstances, the presence of contamination below applicable ESLs can be assumed to not pose a significant, chronic (i.e. long-term) adverse risk to the applicable receptor of concern. Conversely, sites that exceed ESLs generally require further evaluation and/or remediation. The ESLs were developed using default assumptions (e.g. standard exposure factors) and, consequently, are only meant for screening level assessments. The ESLs should not be considered enforceable regulatory standards. Cleanup levels are ultimately dependent on site-specific factors and are established by the regulatory agencies on a case-by-case basis.

5.2 Discussion

The detected concentration of TPH-o in soil sample B3-25, at 140 mg/kg, is significantly below the applicable ESL of 140,000 mg/kg.

The detected concentration of TCE in soil gas samples B1-SG5 and B2-SG5, at 770 µg/m^3 and 1,200 µg/m^3, respectively, are below the applicable ESL of 3,000 µg/m^3.

The highest detected concentration of VOCs in soil gas samples B3-SG5, B4-SG5, and B5-SG5 were benzene at 54 µg/m^3, toluene at 230 µg/m^3, ethylbenzene at 9.9 µg/m^3, xylene at 57 µg/m^3, acetone at 170 µg/m^3, bromodichloromethane at 16 µg/m^3, and MEK at 34 µg/m^3; which are all below the applicable ESLs of 420 µg/m^3, 1,300,000 µg/m^3, 4,900 µg/m^3, 440,000 µg/m^3, 140,000,000 µg/m^3, 330 µg/m^3, 22,000,000 µg/m^3, respectively.

There are no established ESLs for carbon disulfide, cyclohexane, heptane, hexane, tetrahydrofuran, or 1,2,4-trimethylbenzene.

5.3 Summary and Conclusions

Partner conducted a Phase II Subsurface Investigation at the subject property to investigate the remaining impacts of petroleum hydrocarbons and/or VOCs to soil and/or soil gas as a consequence of a release or releases from the previous and/or current site operations, including the historical and/or current USTs. The scope of the Phase II Subsurface Investigation included five soil and/or soil gas borings. Five soil samples were analyzed for TPH-cc and VOCs, and five soil gas samples were analyzed for VOCs.

Subsurface lithology encountered in the upper 30 feet bgs consisted predominantly of clay material. Groundwater was not encountered during this investigation and was not a part of the scope of work.

One of five soil samples analyzed contained detectable concentration of TPH-o above the laboratory RL, but this detection was significantly below the applicable ESL. No other soil samples analyzed contained detectable concentrations of TPH-cc or VOCs exceeding the laboratory RLs.

All soil gas samples contained detectable concentrations of one or more of the following VOCs above the laboratory RLs; including TCE, benzene, toluene, ethylbenzene, xylenes, acetone, carbon disulfide, cyclohexane, bromodichloromethane, heptane, hexane, tetrahydrofuran, 1,2,4-trimethylbenzene, and 2-butanone; however, are all below the applicable ESLs.

Based on the Subsurface Investigation, there is evidence of residual impacts beneath the subject property; however, all detections are below the applicable ESLs and do not appear to pose a significant vapor intrusion concern. Based on the current and future commercial designation for the subject property, including the planned redevelopment for use as a hotel, Partner recommends no further investigation with respect to the previous and/or current site operations, including the historical and/or current USTs, at this time. However, Partner notes that in the event that future redevelopment is planned for a more sensitive use, additional investigation and/or mitigation may be warranted.

TABLES

Table 1: Summary of Investigation Scope
5696 Stevens Creek Boulevard
San Jose, California 95129
Partner Project Number 16-174952.1
January 2017

Boring Identification	Location	Terminal Depth (feet bgs)	Matrix Sampled	Sampling Depths* (feet bgs)	Target Analytes
B1	Adjacent to the south of the on-site USTs	30	Soil	5, 10, **15**, 20, 25, **30**	TPH-cc, VOCs
			Soil Gas	5	VOCs
B2	Adjacent to the northwest of the on-site USTs	30	Soil	5, 10, 15, **20**, 25, 30	TPH-cc, VOCs
			Soil Gas	5	VOCs
B3	Adjacent to the northeast of the on-site USTs	30	Soil	5, 10, 15, 20, **25**, 30	TPH-cc, VOCs
			Soil Gas	5	VOCs
B4	Adjacent to the east of the on-site USTs	5	Soil Gas	5	VOCs
B5	Northeastern portion of the subject property	30	Soil	5, 10, 15, **20**, 25, 30	TPH-cc, VOCs
			Soil Gas	5	VOCs

Notes:

*Depths in **bold** analyzed for carbon chain total petroleum hydrocarbons (TPH-cc) in accordance with United States Environmnetal Protection Agency (EPA) Method 8015 and for volatile organic compounds (VOCs) in accordance with EPA Method 8260. Underlined depths analyzed for VOCs in accordance with EPA Method TO-15.

bgs = below ground surface

UST = underground storage tank

Table 2: Soil Sample TPH-cc Laboratory Results
5696 Stevens Creek Boulevard
San Jose, California 95129
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January 2017

EPA Method		TPH-cc via 8015C				
Units		(mg/kg)				
Analyte	Commercial ESL	B1-15	B1-30	B2-20	B3-25	B5-20
GRO	**3,900**	< 10	< 10	< 10	< 10	< 10
DRO	**1,100**	< 10	< 10	< 10	< 10	< 10
MORO	**140,000**	< 10	< 10	< 10	**140**	< 10

Notes:

TPH-cc = carbon chain total petroleum hydrocarbons

EPA = United States Environmental Protection Agency

mg/kg = milligram per kilogram

GRO = gasoline range organics

DRO = diesel range organics

MORO = motor oil range organics

< = not detected above indicated laboratory Reporting Limit (RL)

ESL = Environmental Screening Level (San Francisco Bay Regional Water Quality Control Board February 2016), Soil Direct Exposure Human Health Risk for Commercial/Industrial Land Use, Table S-1.

Values in **bold** exceed laboratory RLs

Table 3: Soil Sample VOCs Laboratory Results
5696 Stevens Creek Boulevard
San Jose, California 95129
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January 2017

EPA Method		VOCs via 8260B				
Units		(mg/kg)				
Analyte	Commercial ESL	B1-15	B1-30	B2-20	B3-25	B5-20
Benzene	**1.0**	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Toluene	**4,600**	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Ethylbenzene	**22**	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
m,p-Xylene	**2,400**	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
o-Xylene	**2,400**	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
PCE	**2.70**	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
TCE	**8.0**	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
MTBE	**180**	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020
Other VOCs	**NA**	ND	ND	ND	ND	ND

Notes:

VOCs = volatile organic compounds

EPA = United States Environmental Protection Agency

mg/kg = milligram per kilogram

PCE = tetrachloroethylene

TCE = trichloroethylene

MTBE = methyl tert-butyl ether

< = not detected above indicated laboratory Reporting Limit (RL)

ND = not detected above laboratory RLs

NA = not applicable

ESL = Environmental Screening Level (San Francisco Bay Regional Water Quality Control Board February 2016), Soil Direct Exposure Human Health Risk for Commercial/Industrial Land Use, Table S-1.

Table 4: Soil Gas Sample VOCs Laboratory Results
5696 Stevens Creek Boulevard
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EPA Method		VOCs via TO-15				
Units		(µg/m³)				
Analyte	Commercial ESL	B1-SG5	B2-SG5	B3-SG5	B4-SG5	B5-SG5
Benzene	**420**	< 0.14	< 0.14	**54**	< 0.14	< 0.14
Toluene	**1,300,000**	< 0.14	< 0.14	**140**	**230**	< 0.14
Ethylbenzene	**4,900**	< 0.14	< 0.14	**9.9**	< 0.14	< 0.14
m,p-Xylene	**440,000**	< 0.20	< 0.20	**57**	< 0.20	< 0.20
o-Xylene	**440,000**	< 0.085	< 0.085	**13**	< 0.085	< 0.085
Acetone	**140,000,000**	< 0.49	< 0.49	**170**	< 0.49	< 0.49
Carbon Disulfide	**NA**	< 0.22	< 0.22	**15**	< 0.22	< 0.22
Cyclohexane	**NA**	< 0.16	< 0.16	**120**	**390**	**310**
Bromodichloromethane	**330**	< 0.15	< 0.15	**16**	< 0.15	< 0.15
Heptane	**NA**	< 0.15	< 0.15	**450**	**810**	**730**
Hexane	**NA**	< 0.44	< 0.44	**940**	**1,700**	**1,400**
Tetrahydrofuran	**NA**	< 0.25	< 0.25	**8.7**	< 0.25	< 0.25
PCE	**2,100**	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21
TCE	**3,000**	**770**	**1,200**	< 0.21	< 0.21	< 0.21
1,2,4-Trimethylbenzene	**NA**	< 0.33	< 0.33	**12**	< 0.33	< 0.33
2-Butanone (MEK)	**22,000,000**	< 0.45	< 0.45	**34**	< 0.45	< 0.45
ISP	**NA**	< 0.56	< 0.56	< 0.56	< 0.56	< 0.56
Other VOCs	**NA**	ND	ND	ND	ND	ND

Notes:

VOCs = volatile organic compounds

EPA = United States Environmental Protection Agency

µg/m³ = micrograms per cubic meter

PCE = tetrachloroethylene

TCE = trichloroethylene

MEK = methyl ethyl ketone

ISP = isopropyl alcohol (tracer gas)

< = not detected above indicated laboratory Method Detection Limit (MDL)

NA = not applicable

ND = not detected above laboratory RLs

ESL = Environmental Screening Level (San Francisco Bay Regional Water Quality Control Board February 2016), Soil Gas Vapor Intrusion Human Health Risk for Commercial/Industrial Land Use, Table SG-1.

Values in **bold** exceed laboratory RLs

FIGURES

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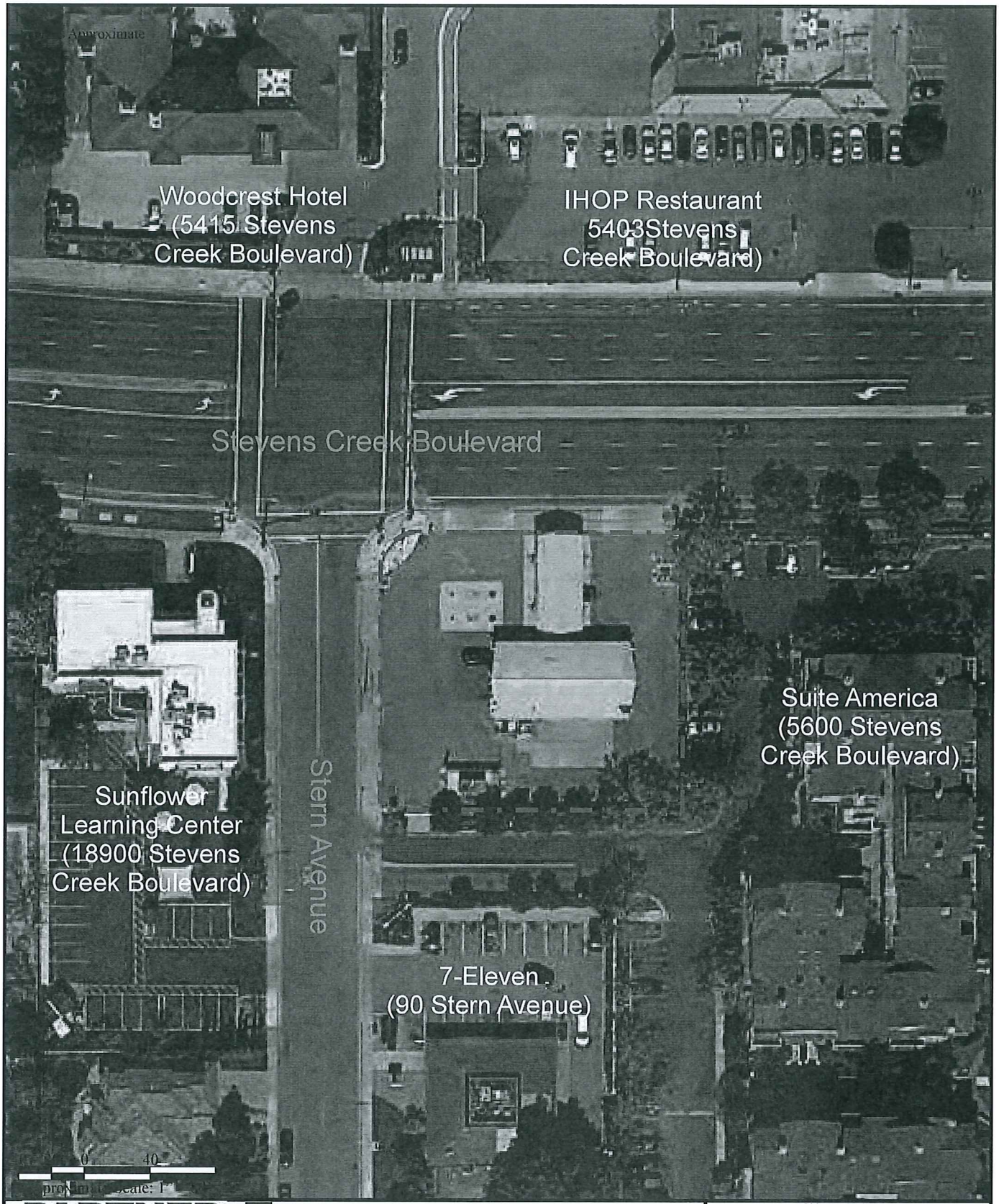

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111 Pine Street, Suite 1750
San Francisco, California 94111

Project Number: 16-174952.1

Legend

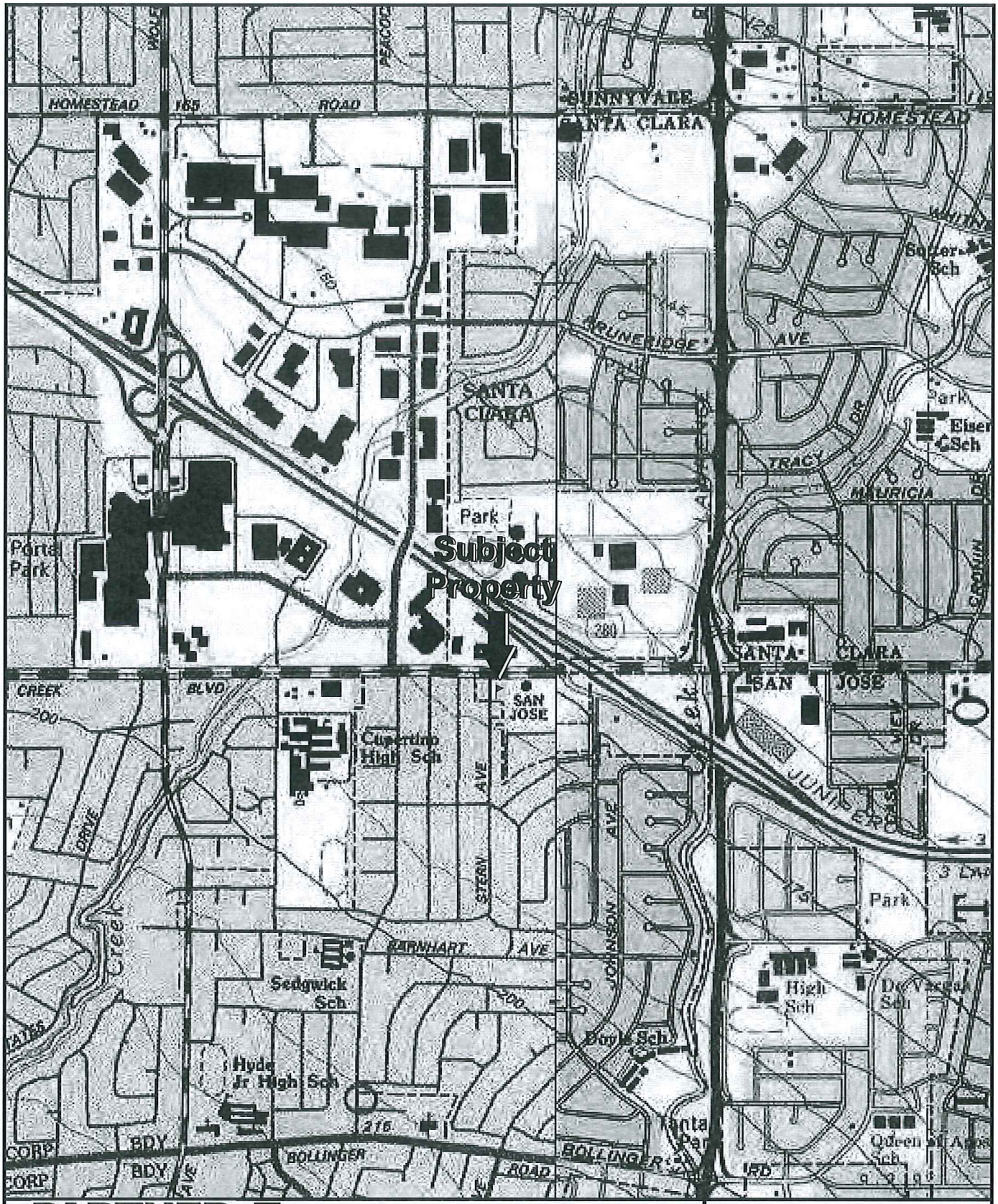
Subject Site

N

Site Plan

Figure	Prepared By	Date
1	B. Kim	January 2017

5696 Stevens Creek Boulevard
San Jose, California 95129



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111 Pine Street, Suite 1750
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Project Number: 16-174952.1

N

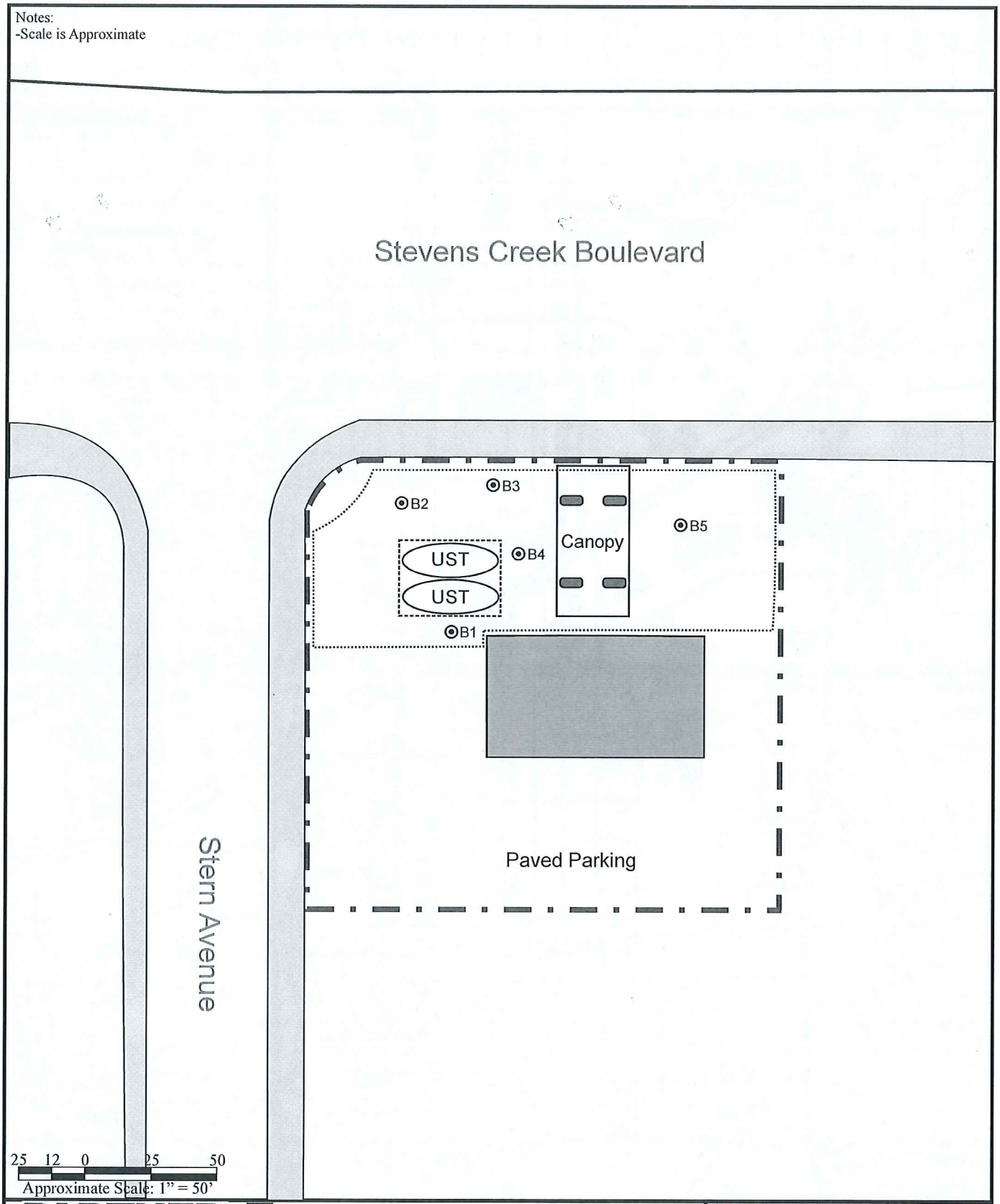
USGS *Cupertino, California* Quadrangle
Version: 1991

Topographic Map

Figure	Prepared By	Date
2	B. Kim	January 2017

5696 Stevens Creek Boulevard
San Jose, California 95129

Notes:
-Scale is Approximate



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San Francisco, California 94111

Project Number: 16-174952.1

Legend

Subject Site		Subject Building	
GPR Survey Area		Paved Sidewalk	
Boring Location	⊙	Dispenser Islands	

Sample Location Map

Figure	Prepared By	Date
3	B. Kim	January 2017

5696 Stevens Creek Boulevard
San Jose, California 95129

APPENDIX A: BORING LOGS

PARTNER

Boring Number:	B1	Page 1 of 2	
Location:	Adjacent to the south of the on-site USTs	Date Started:	12/21/2016
Site Address:	5696 Stevens Creek Boulevard	Date Completed:	12/21/2016
	San Jose, California 95014	Depth to Groundwater:	N/A
Project Number:	16-174952.1	Field Technician:	BK
Drill Rig Type:	GeoProbe direct push truck-rig	**Partner Engineering and Science**	
Sampling Equipment:	Acetate liner	111 Pine Street, Suite 1750	
Borehole Diameter:	2.25"	San Francisco, California 94111	

Depth	Sample	PID	USCS	Description	Notes
1					Asphalt at surface
2					
3					
4					
5	B1-5 B1-SG5	0.2	CL	CLAY, dark brown, soft to medium stiff, slightly moist	
6					
7					
8					
9					
10	B1-10	0.0	CL	CLAY, dark brown, very stiff, damp to slightly moist	
11					
12					
13					
14					
15	B1-15	0.2	CL	CLAY, dark brown, very stiff, damp to slightly moist	
16					
17					
18					
19					
20	B1-20	0.3	ML	SILT, trace fine grain sand, dark brown, soft to medium stiff, slightly moist to moist	
21					
22					
23					
24					
25	B1-25	0.8	CL	CLAY, dark brown, soft to medium stiff, slightly moist	

Boring Number:	B1	Page 2 of 2	
Location:	Adjacent to the south of the on-site USTs	Date Started:	12/21/2016
Site Address:	5696 Stevens Creek Boulevard	Date Completed:	12/21/2016
	San Jose, California 95014	Depth to Groundwater:	N/A
Project Number:	16-174952.1	Field Technician:	BK
Drill Rig Type:	GeoProbe direct push truck-rig	**Partner Engineering and Science**	
Sampling Equipment:	Acetate liner	111 Pine Street, Suite 1750	
Borehole Diameter:	2.25"	San Francisco, California 94111	

Depth	Sample	PID	USCS	Description	Notes
26					
27					
28					
29					
30	B1-30	0.1	SP	Fine grained SAND, trace silt, brown, loose, slight moist	
31				Boring terminated at 30 feet bgs. Borehole was backfilled with neat cement and capped to match surrounding cover upon completion of sampling.	
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					

Boring Number:	B2	Page 1 of 2	
Location:	Adjacent to the northwest of the on-site USTs	Date Started:	12/21/2016
Site Address:	5696 Stevens Creek Boulevard	Date Completed:	12/21/2016
	San Jose, California 95014	Depth to Groundwater:	N/A
Project Number:	16-174952.1	Field Technician:	BK
Drill Rig Type:	GeoProbe direct push truck-rig	**Partner Engineering and Science**	
Sampling Equipment:	Acetate liner	111 Pine Street, Suite 1750	
Borehole Diameter:	2.25"	San Francisco, California 94111	

Depth	Sample	PID	USCS	Description	Notes
1					Asphalt at surface
2					
3					
4					
5	B2-5	0.0	CL	CLAY, dark brown, soft to medium stiff, slightly moist	
6					
7					
8					
9					
10	B2-10	0.1	CL	CLAY, dark brown, very stiff, slightly moist	
11					
12					
13					
14					
15	B2-15	0.0	CL	CLAY, trace fine grain sand, dark brown, medium stiff, slightly moist	
16					
17					
18					
19					
20	B2-20	0.3	CL	CLAY, trace fine grain sand, dark brown, very stiff, slightly moist	
21					
22					
23					
24					
25	B2-25	0.2	CL	CLAY, brown, medium stiff, slightly moist	

Boring Number:	B2	Page 2 of 2	
Location:	Adjacent to the northwest of the on-site USTs	Date Started:	12/21/2016
Site Address:	5696 Stevens Creek Boulevard	Date Completed:	12/21/2016
	San Jose, California 95014	Depth to Groundwater:	N/A
Project Number:	16-174952.1	Field Technician:	BK
Drill Rig Type:	GeoProbe direct push truck-rig	**Partner Engineering and Science**	
Sampling Equipment:	Acetate liner	111 Pine Street, Suite 1750	
Borehole Diameter:	2.25"	San Francisco, California 94111	

Depth		Sample	PID	USCS	Description	Notes
26						
27						
28						
29						
30		B2-30	0.4	CL	CLAY, brown, very stiff, slightly moist	
31					Boring terminated at 30 feet bgs. Borehole was backfilled with neat cement and capped to match surrounding cover upon completion of sampling	
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50						

Boring Number:	B3	Page 1 of 2	
Location:	Adjacent to the northeast of the on-site USTs	Date Started:	12/21/2016
Site Address:	5696 Stevens Creek Boulevard San Jose, California 95014	Date Completed:	12/21/2016
		Depth to Groundwater:	N/A
Project Number:	16-174952.1	Field Technician:	BK
Drill Rig Type:	GeoProbe direct push truck-rig	**Partner Engineering and Science**	
Sampling Equipment:	Acetate liner	111 Pine Street, Suite 1750	
Borehole Diameter:	2.25"	San Francisco, California 94111	

Depth	Sample	PID	USCS	Description	Notes
1					Asphalt at surface
2					
3					
4					
5	B3-5	0.7	CL	CLAY, dark brown, stiff to very stiff, slightly moist	
6					
7					
8					
9					
10	B3-10	0.3	CL	CLAY, trace fine grain sand, dark brown, medium stiff, slightly moist	
11					
12					
13					
14					
15	B3-15	0.2	CL	CLAY, brown, stiff to very stiff, slightly moist	
16					
17					
18					
19					
20	B3-20	0.3	CL	CLAY, brown, very stiff to hard, damp	
21					
22					
23					
24					
25	B3-25	0.3	CL	CLAY, brown, medium stiff, slightly moist	

Boring Number:	B3	Page 2 of 2	
Location:	Adjacent to the northeast of the on-site USTs	Date Started:	12/21/2016
Site Address:	5696 Stevens Creek Boulevard San Jose, California 95014	Date Completed:	12/21/2016
		Depth to Groundwater:	N/A
Project Number:	16-174952.1	Field Technician:	BK
Drill Rig Type:	GeoProbe direct push truck-rig	**Partner Engineering and Science**	
Sampling Equipment:	Acetate liner	111 Pine Street, Suite 1750	
Borehole Diameter:	2.25"	San Francisco, California 94111	

Depth		Sample	PID	USCS	Description	Notes
26						
27						
28						
29						
30		B3-30	0.2	CL	CLAY, brown, medium stiff, slightly moist	
31					Boring terminated at 30 feet bgs. Borehole was backfilled with neat cement and capped to match surrounding cover upon completion of sampling	
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50						

Boring Number:	B4	Page 1 of 2	
Location:	Adjacent to the east of the on-site USTs	Date Started:	12/21/2016
Site Address:	5696 Stevens Creek Boulevard	Date Completed:	12/21/2016
	San Jose, California 95014	Depth to Groundwater:	N/A
Project Number:	16-174952.1	Field Technician:	BK
Drill Rig Type:	GeoProbe direct push truck-rig	**Partner Engineering and Science**	
Sampling Equipment:	Acetate liner	111 Pine Street, Suite 1750	
Borehole Diameter:	2.25"	San Francisco, California 94111	

Depth		Sample	PID	USCS	Description	Notes
1						Asphalt at surface
2						
3						
4						
5		B4-SG5	0.0	CL	CLAY, dark brown, soft to medium stiff, slightly moist	
6					Boring terminated at 5 feet bgs. Borehole was backfilled with sand and bentonite chips and capped to match surrounding cover upon completion of sampling	
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

Boring Number:	B5	Page 1 of 2	
Location:	At the northeastern portion of the subject property	Date Started:	12/21/2016
Site Address:	5696 Stevens Creek Boulevard	Date Completed:	12/21/2016
	San Jose, California 95014	Depth to Groundwater:	N/A
Project Number:	16-174952.1	Field Technician:	BK
Drill Rig Type:	GeoProbe direct push truck-rig	**Partner Engineering and Science**	
Sampling Equipment:	Acetate liner	111 Pine Street, Suite 1750	
Borehole Diameter:	2.25"	San Francisco, California 94111	

Depth	Sample	PID	USCS	Description	Notes
1					Asphalt at surface
2					
3					
4					
5	B5-5	0.3	CL	CLAY, dark brown, stiff to very stiff, slightly moist	
6					
7					
8					
9					
10	B5-10	0.1	CL	CLAY, dark brown, very stiff to hard, slightly moist	
11					
12					
13					
14					
15	B5-15	0.2	CL	CLAY, trace fine grained sand, brown, medium stiff, damp	
16					
17					
18					
19					
20	B5-20	0.2	CL	CLAY, brown, medium stiff, slightly moist	
21					
22					
23					
24					
25	B5-25	0.1	CL	CLAY, trace fine grain sand, brown, medium stiff, slightly moist	

Boring Number:	B5	Page 2 of 2	
Location:	At the northeastern portion of the subject property	Date Started:	12/21/2016
Site Address:	5696 Stevens Creek Boulevard San Jose, California 95014	Date Completed:	12/21/2016
		Depth to Groundwater:	N/A
Project Number:	16-174952.1	Field Technician:	BK
Drill Rig Type:	GeoProbe direct push truck-rig	**Partner Engineering and Science**	
Sampling Equipment:	Acetate liner	111 Pine Street, Suite 1750	
Borehole Diameter:	2.25"	San Francisco, California 94111	

Depth		Sample	PID	USCS	Description	Notes
26						
27						
28						
29						
30		B5-30	0.2	CL	CLAY, brown, very stiff to hard, damp to slightly moist	
31					Boring terminated at 30 feet bgs. Borehole was backfilled with neat cement and capped to match surrounding cover upon completion of sampling	
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
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APPENDIX B: LABORATORY ANALYTICAL REPORTS

PARTNER

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

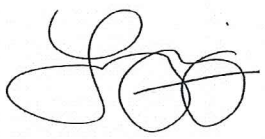
30 December 2016

Joe Mangine
Partner Engineering & Science, Inc.--San Francisco
111 Pine St. Suite 1750
San Francisco, CA 94111

RE: 5696 Stevens Creek Blvd, San Jose, CA 95129

Enclosed are the results of analyses for samples received by the laboratory on 12/28/16 11:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Lisa Nguyen
Project Manager Assistant

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Partner Engineering & Science, Inc.--San Francisco	Project: 5696 Stevens Creek Blvd, San Jose, CA 95129	
111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	12/30/16 14:30

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B1-15	T163324-03	Soil	12/21/16 12:47	12/28/16 11:25
B1-30	T163324-06	Soil	12/21/16 13:54	12/28/16 11:25
B2-20	T163324-10	Soil	12/21/16 14:50	12/28/16 11:25
B3-25	T163324-17	Soil	12/21/16 16:12	12/28/16 11:25
B5-20	T163324-22	Soil	12/21/16 12:08	12/28/16 11:25

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Lisa Nguyen, Project Manager Assistant

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Partner Engineering & Science, Inc.--San Francisco	Project: 5696 Stevens Creek Blvd, San Jose, CA 95129	
111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	12/30/16 14:30

DETECTIONS SUMMARY

Sample ID: B1-15 **Laboratory ID:** T163324-03

No Results Detected

Sample ID: B1-30 **Laboratory ID:** T163324-06

No Results Detected

Sample ID: B2-20 **Laboratory ID:** T163324-10

No Results Detected

Sample ID: B3-25 **Laboratory ID:** T163324-17

Analyte	Result	Reporting Limit	Units	Method	Notes
C29-C40 (MORO)	**140**	10	mg/kg	EPA 8015C	

Sample ID: B5-20 **Laboratory ID:** T163324-22

No Results Detected

SunStar Laboratories, Inc.

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Partner Engineering & Science, Inc.--San Francisco	Project: 5696 Stevens Creek Blvd, San Jose, CA 95129	
111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	12/30/16 14:30

B1-15

T163324-03 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015C									
C6-C12 (GRO)	ND	10	mg/kg	1	6122827	12/28/16	12/28/16	EPA 8015C	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*98.4 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0050	mg/kg	1	6122823	12/28/16	12/29/16	EPA 8260B	
Bromochloromethane	ND	0.0050	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0050	"	"	"	"	"	"	
Bromoform	ND	0.0050	"	"	"	"	"	"	
Bromomethane	ND	0.0050	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0050	"	"	"	"	"	"	
Chlorobenzene	ND	0.0050	"	"	"	"	"	"	
Chloroethane	ND	0.0050	"	"	"	"	"	"	
Chloroform	ND	0.0050	"	"	"	"	"	"	
Chloromethane	ND	0.0050	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.010	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0050	"	"	"	"	"	"	
Dibromomethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0050	"	"	"	"	"	"	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Lisa Nguyen, Project Manager Assistant

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

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949.297.5027 Fax

Partner Engineering & Science, Inc.--San Francisco	Project: 5696 Stevens Creek Blvd, San Jose, CA 95129	
111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	12/30/16 14:30

B1-15

T163324-03 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0050	mg/kg	1	6122823	12/28/16	12/29/16	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0050	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0050	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0050	"	"	"	"	"	"	
Methylene chloride	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0050	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0050	"	"	"	"	"	"	
Styrene	ND	0.0050	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
Trichloroethene	ND	0.0050	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Vinyl chloride	ND	0.0050	"	"	"	"	"	"	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
m,p-Xylene	ND	0.010	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Lisa Nguyen, Project Manager Assistant

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Partner Engineering & Science, Inc.--San Francisco	Project: 5696 Stevens Creek Blvd, San Jose, CA 95129	
111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	12/30/16 14:30

B1-15

T163324-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
o-Xylene	ND	0.0050	mg/kg	1	6122823	12/28/16	12/29/16	EPA 8260B	
Tert-amyl methyl ether	ND	0.020	"	"	"	"	"	"	
Tert-butyl alcohol	ND	0.050	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.020	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.020	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.020	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*103 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*135 %*	*95.7-135*		"	"	"	"	
Surrogate: Toluene-d8		*83.4 %*	*85.5-116*		"	"	"	"	*S-GC*

SunStar Laboratories, Inc.

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Lisa Nguyen, Project Manager Assistant

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

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949.297.5020 Phone
949.297.5027 Fax

Partner Engineering & Science, Inc.--San Francisco	Project: 5696 Stevens Creek Blvd, San Jose, CA 95129	
111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	12/30/16 14:30

B1-30

T163324-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015C									
C6-C12 (GRO)	ND	10	mg/kg	1	6122827	12/28/16	12/28/16	EPA 8015C	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*98.7 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0050	mg/kg	1	6122823	12/28/16	12/29/16	EPA 8260B	
Bromochloromethane	ND	0.0050	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0050	"	"	"	"	"	"	
Bromoform	ND	0.0050	"	"	"	"	"	"	
Bromomethane	ND	0.0050	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0050	"	"	"	"	"	"	
Chlorobenzene	ND	0.0050	"	"	"	"	"	"	
Chloroethane	ND	0.0050	"	"	"	"	"	"	
Chloroform	ND	0.0050	"	"	"	"	"	"	
Chloromethane	ND	0.0050	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.010	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0050	"	"	"	"	"	"	
Dibromomethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0050	"	"	"	"	"	"	

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Partner Engineering & Science, Inc.--San Francisco	Project: 5696 Stevens Creek Blvd, San Jose, CA 95129	
111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	12/30/16 14:30

B1-30

T163324-06 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0050	mg/kg	1	6122823	12/28/16	12/29/16	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0050	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0050	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0050	"	"	"	"	"	"	
Methylene chloride	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0050	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0050	"	"	"	"	"	"	
Styrene	ND	0.0050	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
Trichloroethene	ND	0.0050	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Vinyl chloride	ND	0.0050	"	"	"	"	"	"	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
m,p-Xylene	ND	0.010	"	"	"	"	"	"	

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San Francisco CA, 94111	Project Manager: Joe Mangine	12/30/16 14:30

B1-30

T163324-06 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
o-Xylene	ND	0.0050	mg/kg	1	6122823	12/28/16	12/29/16	EPA 8260B	
Tert-amyl methyl ether	ND	0.020	"	"	"	"	"	"	
Tert-butyl alcohol	ND	0.050	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.020	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.020	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.020	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*128 %*	*95.7-135*		"	"	"	"	
Surrogate: Toluene-d8		*82.6 %*	*85.5-116*		"	"	"	"	*S-GC*

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111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	12/30/16 14:30

B2-20

T163324-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015C									
C6-C12 (GRO)	ND	10	mg/kg	1	6122827	12/28/16	12/28/16	EPA 8015C	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*97.8 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0050	mg/kg	1	6122823	12/28/16	12/29/16	EPA 8260B	
Bromochloromethane	ND	0.0050	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0050	"	"	"	"	"	"	
Bromoform	ND	0.0050	"	"	"	"	"	"	
Bromomethane	ND	0.0050	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0050	"	"	"	"	"	"	
Chlorobenzene	ND	0.0050	"	"	"	"	"	"	
Chloroethane	ND	0.0050	"	"	"	"	"	"	
Chloroform	ND	0.0050	"	"	"	"	"	"	
Chloromethane	ND	0.0050	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.010	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0050	"	"	"	"	"	"	
Dibromomethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0050	"	"	"	"	"	"	

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San Francisco CA, 94111	Project Manager: Joe Mangine	12/30/16 14:30

B2-20

T163324-10 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0050	mg/kg	1	6122823	12/28/16	12/29/16	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0050	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0050	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0050	"	"	"	"	"	"	
Methylene chloride	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0050	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0050	"	"	"	"	"	"	
Styrene	ND	0.0050	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
Trichloroethene	ND	0.0050	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Vinyl chloride	ND	0.0050	"	"	"	"	"	"	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
m,p-Xylene	ND	0.010	"	"	"	"	"	"	

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San Francisco CA, 94111	Project Manager: Joe Mangine	12/30/16 14:30

B2-20

T163324-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
o-Xylene	ND	0.0050	mg/kg	1	6122823	12/28/16	12/29/16	EPA 8260B	
Tert-amyl methyl ether	ND	0.020	"	"	"	"	"	"	
Tert-butyl alcohol	ND	0.050	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.020	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.020	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.020	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*129 %*	*95.7-135*		"	"	"	"	
Surrogate: Toluene-d8		*81.3 %*	*85.5-116*		"	"	"	"	*S-GC*

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111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	12/30/16 14:30

B3-25

T163324-17 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Extractable Petroleum Hydrocarbons by 8015C									
C6-C12 (GRO)	ND	10	mg/kg	1	6122827	12/28/16	12/29/16	EPA 8015C	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	
C29-C40 (MORO)	**140**	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*94.9 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0050	mg/kg	1	6122823	12/28/16	12/29/16	EPA 8260B	
Bromochloromethane	ND	0.0050	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0050	"	"	"	"	"	"	
Bromoform	ND	0.0050	"	"	"	"	"	"	
Bromomethane	ND	0.0050	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0050	"	"	"	"	"	"	
Chlorobenzene	ND	0.0050	"	"	"	"	"	"	
Chloroethane	ND	0.0050	"	"	"	"	"	"	
Chloroform	ND	0.0050	"	"	"	"	"	"	
Chloromethane	ND	0.0050	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.010	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0050	"	"	"	"	"	"	
Dibromomethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0050	"	"	"	"	"	"	

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San Francisco CA, 94111	Project Manager: Joe Mangine	12/30/16 14:30

B3-25

T163324-17 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0050	mg/kg	1	6122823	12/28/16	12/29/16	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0050	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0050	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0050	"	"	"	"	"	"	
Methylene chloride	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0050	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0050	"	"	"	"	"	"	
Styrene	ND	0.0050	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
Trichloroethene	ND	0.0050	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Vinyl chloride	ND	0.0050	"	"	"	"	"	"	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
m,p-Xylene	ND	0.010	"	"	"	"	"	"	

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111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	12/30/16 14:30

B3-25

T163324-17 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Volatile Organic Compounds by EPA Method 8260B									
o-Xylene	ND	0.0050	mg/kg	1	6122823	12/28/16	12/29/16	EPA 8260B	
Tert-amyl methyl ether	ND	0.020	"	"	"	"	"	"	
Tert-butyl alcohol	ND	0.050	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.020	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.020	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.020	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97.4 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*106 %*	*95.7-135*		"	"	"	"	
Surrogate: Toluene-d8		*81.1 %*	*85.5-116*		"	"	"	"	*S-GC*

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111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	12/30/16 14:30

B5-20

T163324-22 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Extractable Petroleum Hydrocarbons by 8015C									
C6-C12 (GRO)	ND	10	mg/kg	1	6122827	12/28/16	12/29/16	EPA 8015C	
C13-C28 (DRO)	ND	10	"	"	"	"	"	"	
C29-C40 (MORO)	ND	10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*98.3 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8260B									
Bromobenzene	ND	0.0050	mg/kg	1	6122823	12/28/16	12/29/16	EPA 8260B	
Bromochloromethane	ND	0.0050	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0050	"	"	"	"	"	"	
Bromoform	ND	0.0050	"	"	"	"	"	"	
Bromomethane	ND	0.0050	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0050	"	"	"	"	"	"	
Chlorobenzene	ND	0.0050	"	"	"	"	"	"	
Chloroethane	ND	0.0050	"	"	"	"	"	"	
Chloroform	ND	0.0050	"	"	"	"	"	"	
Chloromethane	ND	0.0050	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.010	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0050	"	"	"	"	"	"	
Dibromomethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0050	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Lisa Nguyen, Project Manager Assistant

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Partner Engineering & Science, Inc.--San Francisco	Project: 5696 Stevens Creek Blvd, San Jose, CA 95129	
111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	12/30/16 14:30

B5-20

T163324-22 (Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
cis-1,2-Dichloroethene	ND	0.0050	mg/kg	1	6122823	12/28/16	12/29/16	EPA 8260B	
trans-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0050	"	"	"	"	"	"	
Isopropylbenzene	ND	0.0050	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0050	"	"	"	"	"	"	
Methylene chloride	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0050	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0050	"	"	"	"	"	"	
Styrene	ND	0.0050	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
Trichloroethene	ND	0.0050	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Vinyl chloride	ND	0.0050	"	"	"	"	"	"	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
m,p-Xylene	ND	0.010	"	"	"	"	"	"	

SunStar Laboratories, Inc.

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Lisa Nguyen, Project Manager Assistant

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Partner Engineering & Science, Inc.--San Francisco	Project: 5696 Stevens Creek Blvd, San Jose, CA 95129	
111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	12/30/16 14:30

B5-20

T163324-22 (Soil)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B									
o-Xylene	ND	0.0050	mg/kg	1	6122823	12/28/16	12/29/16	EPA 8260B	
Tert-amyl methyl ether	ND	0.020	"	"	"	"	"	"	
Tert-butyl alcohol	ND	0.050	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.020	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.020	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.020	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*81.2-123*		"	"	"	"	
Surrogate: Dibromofluoromethane		*130 %*	*95.7-135*		"	"	"	"	
Surrogate: Toluene-d8		*83.3 %*	*85.5-116*		"	"	"	"	*S-GC*

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Partner Engineering & Science, Inc.--San Francisco	Project: 5696 Stevens Creek Blvd, San Jose, CA 95129	
111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	12/30/16 14:30

Extractable Petroleum Hydrocarbons by 8015C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6122827 - EPA 3550B GC										
Blank (6122827-BLK1)				Prepared & Analyzed: 12/28/16						
C6-C12 (GRO)	ND	10	mg/kg							
C13-C28 (DRO)	ND	10	"							
C29-C40 (MORO)	ND	10	"							
Surrogate: p-Terphenyl	*108*		"	*95.2*		*114*	*65-135*			
LCS (6122827-BS1)				Prepared & Analyzed: 12/28/16						
C13-C28 (DRO)	510	10	mg/kg	521		97.5	75-125			
Surrogate: p-Terphenyl	*99.5*		"	*104*		*95.5*	*65-135*			
LCS Dup (6122827-BSD1)				Prepared & Analyzed: 12/28/16						
C13-C28 (DRO)	490	10	mg/kg	495		99.3	75-125	3.31	20	
Surrogate: p-Terphenyl	*92.4*		"	*99.0*		*93.3*	*65-135*			

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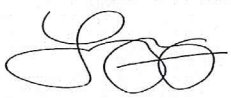

Lisa Nguyen, Project Manager Assistant

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111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	12/30/16 14:30

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6122823 - EPA 5030 GCMS										
Blank (6122823-BLK1)				Prepared & Analyzed: 12/28/16						
Bromobenzene	ND	0.0050	mg/kg							
Bromochloromethane	ND	0.0050	"							
Bromodichloromethane	ND	0.0050	"							
Bromoform	ND	0.0050	"							
Bromomethane	ND	0.0050	"							
n-Butylbenzene	ND	0.0050	"							
sec-Butylbenzene	ND	0.0050	"							
tert-Butylbenzene	ND	0.0050	"							
Carbon tetrachloride	ND	0.0050	"							
Chlorobenzene	ND	0.0050	"							
Chloroethane	ND	0.0050	"							
Chloroform	ND	0.0050	"							
Chloromethane	ND	0.0050	"							
2-Chlorotoluene	ND	0.0050	"							
4-Chlorotoluene	ND	0.0050	"							
Dibromochloromethane	ND	0.0050	"							
1,2-Dibromo-3-chloropropane	ND	0.010	"							
1,2-Dibromoethane (EDB)	ND	0.0050	"							
Dibromomethane	ND	0.0050	"							
1,2-Dichlorobenzene	ND	0.0050	"							
1,3-Dichlorobenzene	ND	0.0050	"							
1,4-Dichlorobenzene	ND	0.0050	"							
Dichlorodifluoromethane	ND	0.0050	"							
1,1-Dichloroethane	ND	0.0050	"							
1,2-Dichloroethane	ND	0.0050	"							
1,1-Dichloroethene	ND	0.0050	"							
cis-1,2-Dichloroethene	ND	0.0050	"							
trans-1,2-Dichloroethene	ND	0.0050	"							
1,2-Dichloropropane	ND	0.0050	"							
1,3-Dichloropropane	ND	0.0050	"							
2,2-Dichloropropane	ND	0.0050	"							
1,1-Dichloropropene	ND	0.0050	"							
cis-1,3-Dichloropropene	ND	0.0050	"							
trans-1,3-Dichloropropene	ND	0.0050	"							
Hexachlorobutadiene	ND	0.0050	"							
Isopropylbenzene	ND	0.0050	"							

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Partner Engineering & Science, Inc.--San Francisco	Project: 5696 Stevens Creek Blvd, San Jose, CA 95129	
111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	12/30/16 14:30

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6122823 - EPA 5030 GCMS										
Blank (6122823-BLK1)				Prepared & Analyzed: 12/28/16						
p-Isopropyltoluene	ND	0.0050	mg/kg							
Methylene chloride	ND	0.0050	"							
Naphthalene	ND	0.0050	"							
n-Propylbenzene	ND	0.0050	"							
Styrene	ND	0.0050	"							
1,1,2,2-Tetrachloroethane	ND	0.0050	"							
1,1,1,2-Tetrachloroethane	ND	0.0050	"							
Tetrachloroethene	ND	0.0050	"							
1,2,3-Trichlorobenzene	ND	0.0050	"							
1,2,4-Trichlorobenzene	ND	0.0050	"							
1,1,2-Trichloroethane	ND	0.0050	"							
1,1,1-Trichloroethane	ND	0.0050	"							
Trichloroethene	ND	0.0050	"							
Trichlorofluoromethane	ND	0.0050	"							
1,2,3-Trichloropropane	ND	0.0050	"							
1,3,5-Trimethylbenzene	ND	0.0050	"							
1,2,4-Trimethylbenzene	ND	0.0050	"							
Vinyl chloride	ND	0.0050	"							
Benzene	ND	0.0050	"							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
m,p-Xylene	ND	0.010	"							
o-Xylene	ND	0.0050	"							
Surrogate: 4-Bromofluorobenzene	*0.0415*		"	*0.0396*		*105*	*81.2-123*			
Surrogate: Dibromofluoromethane	*0.0484*		"	*0.0396*		*122*	*95.7-135*			
Surrogate: Toluene-d8	*0.0322*		"	*0.0396*		*81.4*	*85.5-116*			*S-GC*
LCS (6122823-BS1)				Prepared: 12/28/16 Analyzed: 12/29/16						
Chlorobenzene	0.0804	0.0050	mg/kg	0.0994		80.9	75-125			
1,1-Dichloroethene	0.0755	0.0050	"	0.0994		76.0	75-125			
Trichloroethene	0.107	0.0050	"	0.0994		108	75-125			
Benzene	0.0770	0.0050	"	0.0994		77.5	75-125			
Toluene	0.0874	0.0050	"	0.0994		87.9	75-125			
Surrogate: 4-Bromofluorobenzene	*0.0444*		"	*0.0398*		*112*	*81.2-123*			
Surrogate: Dibromofluoromethane	*0.0648*		"	*0.0398*		*163*	*95.7-135*			*S-GC*
Surrogate: Toluene-d8	*0.0352*		"	*0.0398*		*88.5*	*85.5-116*			

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Partner Engineering & Science, Inc.--San Francisco	Project: 5696 Stevens Creek Blvd, San Jose, CA 95129	
111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	12/30/16 14:30

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6122823 - EPA 5030 GCMS										
LCS Dup (6122823-BSD1)				Prepared: 12/28/16 Analyzed: 12/29/16						
Chlorobenzene	0.0842	0.0050	mg/kg	0.100		84.2	75-125	4.54	20	
1,1-Dichloroethene	0.0802	0.0050	"	0.100		80.2	75-125	6.10	20	
Trichloroethene	0.114	0.0050	"	0.100		114	75-125	6.27	20	
Benzene	0.0830	0.0050	"	0.100		83.0	75-125	7.45	20	
Toluene	0.0931	0.0050	"	0.100		93.1	75-125	6.29	20	
Surrogate: 4-Bromofluorobenzene	*0.0429*		"	*0.0400*		*107*	*81.2-123*			
Surrogate: Dibromofluoromethane	*0.0582*		"	*0.0400*		*145*	*95.7-135*			*S-GC*
Surrogate: Toluene-d8	*0.0342*		"	*0.0400*		*85.6*	*85.5-116*			

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Partner Engineering & Science, Inc.--San Francisco	Project: 5696 Stevens Creek Blvd, San Jose, CA 95129	
111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	12/30/16 14:30

Notes and Definitions

S-GC	Surrogate recovery outside of established control limits. The data was accepted based on valid recovery of the remaining surrogate(s).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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SunStar Laboratories, Inc.
25712 Commercentre Dr
Lake Forest, CA 92630
949-297-5020

Chain of Custody Record

Client: Partner Engineering & Science, Inc.
Address:
Phone: Fax:
Project Manager: Joe Mangine

Date: 12/21/2016 Page: 1 Of 2
Project Name: 5696 Stevens Creek Blvd., San Jose, CA 95129
Collector: B. Kim Client Project #: 16-174952.1
Batch #: T163324 EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY + VOCs	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain TPH-ce	6010/7000 Title 22 Metals	Hold	Hold			Laboratory ID #	Comments/Preservative	Total # of containers
B1-5	12/21/2016	12:35pm	Soil	Liner										X				01		
B1-10		12:42pm												X				02		
B1-15		12:47pm				X						X		[redacted]				03		
B1-20		1:05pm												X				04		
B1-25		1:20pm												X				05		
B1-30		1:54pm				X						X						06		
B2-5		2:24pm												X				07		
B2-10		2:34pm												X				08		
B2-15		2:40pm												X				09		
B2-20		2:50pm				X						X						10		
B2-25		3:00pm												X				11		
B2-30		3:03pm				[redacted]						[redacted]		[redacted]	X			12		
B3-5		3:27pm												X				13		
B3-10		3:40pm												X				14		
B3-15		3:45pm				[redacted]						[redacted]		X				15		

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
[signature]	12/22/2016 10:40am	[signature]	12/22/16 1040
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
GSO	12-28-16 11:25	[signature]	12-28-16 11:25
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers
Chain of Custody seals Y/N/NA
Seals intact? Y/N/NA
Received good condition/cold 4.1

Turn around time: 5-day

Notes

Sample disposal Instructions: Disposal @ $2.00 each ___ Return to client ___ Pickup ___

COC 101617

SunStar Laboratories, Inc.
25712 Commercentre Dr
Lake Forest, CA 92630
949-297-5020

Chain of Custody Record

Client: Partner Engineering & Science, Inc.
Address:
Phone: Fax:
Project Manager: Joe Mangine

Date: 12/21/2016 Page: 2 Of 2
Project Name: 5696 Stevens Creek Blvd., San Jose, CA 95129
Collector: B. Kim Client Project #: 16-174952.1
Batch #: 7163324 EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260	8260 + OXY + VOC's	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain/TPH-d	6010/7000 Title 22 Metals	Hold				Laboratory ID #	Comments/Preservative	Total # of containers
B3-20	12/21/2016	3:52 pm	Soil	Liner										X				16		
B3-25		4:12 pm				X						X		X				17		
B3-30		4:20 pm												X				18		
B5-5		10:42 am												X				19		
B5-10		11:19 am												X				20		
B5-15		11:24 am												X				21		
B5-20		12:08 pm				X						X						22		
B5-25		12:10 pm												X				23		
B5-30		12:16 pm												X				24		

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
[signature]	12/22/2016 10:40am	Ed Stevens	12/22/16 1040
GSO	12-28-16 11:25	[signature]	12-28-16 11:25
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers:
Chain of Custody seals Y/N/NA:
Seals intact? Y/N/NA:
Received good condition/cold: 4.1

Turn around time: 5-day

Notes

Sample disposal Instructions: Disposal @ $2.00 each ____ Return to client ____ Pickup ____

COC 101616

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: 1163324

Client Name: PARTNER - SF

Project: 5696 STEVENS CREEK BLVD, SAN JOSE, CA 95129

Delivered by: ☐ Client ☐ SunStar Courier ☒ GSO ☐ FedEx ☐ Other

If Courier, Received by: _____ Date/Time Courier Received: _____

Lab Received by: SUNNY Date/Time Lab Received: 12.28.16 / 11:25

Total number of coolers received: 1

Temperature: Cooler #1 4.3	°C +/- the CF (- 0.2°C) = 4.1	°C corrected temperature	
Temperature: Cooler #2	°C +/- the CF (- 0.2°C) =	°C corrected temperature	
Temperature: Cooler #3	°C +/- the CF (- 0.2°C) =	°C corrected temperature	
Temperature criteria = ≤ 6°C (no frozen containers)	Within criteria?	☒ **Yes**	☐ **No**
If NO:			
Samples received on ice?	☐ Yes	☐ **No → Complete Non-Conformance Sheet**	
If on ice, samples received same day collected?	☐ Yes → Acceptable	☐ **No → Complete Non-Conformance Sheet**	

Custody seals intact on cooler/sample	☒ Yes	☐ No*	☐ N/A
Sample containers intact	☒ Yes	☐ No*	
Sample labels match Chain of Custody IDs	☒ Yes	☐ No*	
Total number of containers received match COC	☒ Yes	☐ No*	
Proper containers received for analyses requested on COC	☒ Yes	☐ No*	
Proper preservative indicated on COC/containers for analyses requested	☐ Yes	☐ No*	☒ N/A
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times	☒ **Yes**	☐ **No***	

* Complete Non-Conformance Receiving Sheet if checked

Cooler/Sample Review - Initials and date: SL 12.28.16

Comments:

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

Printed: 12/29/2016 10:40:18AM

WORK ORDER

T163324

Client:	**Partner Engineering & Science, Inc.--San Francisc**	**Project Manager:**	**Lisa Nguyen**
Project:	**5696 Stevens Creek Blvd, San Jose, CA 95129**	**Project Number:**	**16-174952.1**

Report To:
Partner Engineering & Science, Inc.--San Francisco
Joe Mangine
111 Pine St. Suite 1750
San Francisco, CA 94111

Date Due:	01/03/17 17:00 (3 day TAT)		
Received By:	Sunny Lounethone	Date Received:	12/28/16 11:25
Logged In By:	Sunny Lounethone	Date Logged In:	12/28/16 12:31

Samples Received at: **4.1°C**

Custody Seals	Yes	Received On Ice	Yes
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confir	No		

Analysis	Due	TAT	Expires	Comments
T163324-01 B1-5 [Soil] Sampled 12/21/16 12:35 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163324-02 B1-10 [Soil] Sampled 12/21/16 12:42 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163324-03 B1-15 [Soil] Sampled 12/21/16 12:47 (GMT-08:00) Pacific Time (US &				
8015 Carbon Chain	01/03/17 15:00	3	01/04/17 12:47	
8260	01/03/17 15:00	3	01/04/17 12:47	+OXY
T163324-04 B1-20 [Soil] Sampled 12/21/16 13:05 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163324-05 B1-25 [Soil] Sampled 12/21/16 13:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163324-06 B1-30 [Soil] Sampled 12/21/16 13:54 (GMT-08:00) Pacific Time (US &				
8015 Carbon Chain	01/03/17 15:00	3	01/04/17 13:54	
8260	01/03/17 15:00	3	01/04/17 13:54	+OXY

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163324

Client:	**Partner Engineering & Science, Inc.--San Francisc**	**Project Manager:**	**Lisa Nguyen**
Project:	**5696 Stevens Creek Blvd, San Jose, CA 95129**	**Project Number:**	**16-174952.1**

Analysis	Due	TAT	Expires	Comments
T163324-07 B2-5 [Soil] Sampled 12/21/16 14:24 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163324-08 B2-10 [Soil] Sampled 12/21/16 14:34 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163324-09 B2-15 [Soil] Sampled 12/21/16 14:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163324-10 B2-20 [Soil] Sampled 12/21/16 14:50 (GMT-08:00) Pacific Time (US &				
8015 Carbon Chain	01/03/17 15:00	3	01/04/17 14:50	
8260	01/03/17 15:00	3	01/04/17 14:50	+OXY
T163324-11 B2-25 [Soil] Sampled 12/21/16 15:00 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163324-12 B2-30 [Soil] Sampled 12/21/16 15:03 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163324-13 B3-5 [Soil] Sampled 12/21/16 15:27 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163324-14 B3-10 [Soil] Sampled 12/21/16 15:40 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163324-15 B3-15 [Soil] Sampled 12/21/16 15:45 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163324-16 B3-20 [Soil] Sampled 12/21/16 15:52 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T163324

Client:	**Partner Engineering & Science, Inc.--San Francisc**	**Project Manager:**	**Lisa Nguyen**
Project:	**5696 Stevens Creek Blvd, San Jose, CA 95129**	**Project Number:**	**16-174952.1**

Analysis	Due	TAT	Expires	Comments
T163324-17 B3-25 [Soil] Sampled 12/21/16 16:12 (GMT-08:00) Pacific Time (US &				
8015 Carbon Chain	01/03/17 15:00	3	01/04/17 16:12	
8260	01/03/17 15:00	3	01/04/17 16:12	+OXY
T163324-18 B3-30 [Soil] Sampled 12/21/16 16:20 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163324-19 B5-5 [Soil] Sampled 12/21/16 10:42 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163324-20 B5-10 [Soil] Sampled 12/21/16 11:19 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163324-21 B5-15 [Soil] Sampled 12/21/16 11:24 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163324-22 B5-20 [Soil] Sampled 12/21/16 12:08 (GMT-08:00) Pacific Time (US &				
8015 Carbon Chain	01/03/17 15:00	3	01/04/17 12:08	
8260	01/03/17 15:00	3	01/04/17 12:08	+OXY
T163324-23 B5-25 [Soil] Sampled 12/21/16 12:10 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				
T163324-24 B5-30 [Soil] Sampled 12/21/16 12:16 (GMT-08:00) Pacific Time (US &				
[NO ANALYSES]				

Reviewed By

Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

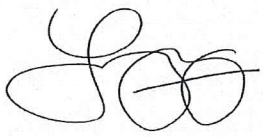
25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

05 January 2017

Joe Mangine
Partner Engineering & Science, Inc.--San Francisco
111 Pine St. Suite 1750
San Francisco, CA 94111
RE: 5696 Stevens Creek Blvd, San Jose, CA 95129

Enclosed are the results of analyses for samples received by the laboratory on 12/28/16 11:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Lisa Nguyen
Project Manager Assistant

SunStar Laboratories, Inc.
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Partner Engineering & Science, Inc.--San Francisco	Project: 5696 Stevens Creek Blvd, San Jose, CA 95129	
111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	01/05/17 16:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B1 - SG5	T163340-01	Air	12/21/16 10:58	12/28/16 11:25
B2 - SG5	T163340-02	Air	12/21/16 11:11	12/28/16 11:25
B3 - SG5	T163340-03	Air	12/21/16 11:39	12/28/16 11:25
B4 - SG5	T163340-04	Air	12/21/16 12:01	12/28/16 11:25
B5 - SG5	T163340-05	Air	12/21/16 12:31	12/28/16 11:25

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Lisa Nguyen, Project Manager Assistant

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Partner Engineering & Science, Inc.--San Francisco	Project: 5696 Stevens Creek Blvd, San Jose, CA 95129	
111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	01/05/17 16:47

DETECTIONS SUMMARY

Sample ID: B1 - SG5 **Laboratory ID:** T163340-01

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**770**	270	ug/m³ Air	TO-15	TO-14

Sample ID: B2 - SG5 **Laboratory ID:** T163340-02

Analyte	Result	Reporting Limit	Units	Method	Notes
Trichloroethene	**1200**	270	ug/m³ Air	TO-15	TO-14

Sample ID: B3 - SG5 **Laboratory ID:** T163340-03

Analyte	Result	Reporting Limit	Units	Method	Notes
Acetone	**170**	12	ug/m³ Air	TO-15	
Carbon Disulfide	**15**	3.2	ug/m³ Air	TO-15	
Bromodichloromethane	**16**	6.8	ug/m³ Air	TO-15	
Cyclohexane	**120**	3.5	ug/m³ Air	TO-15	
Heptane	**450**	4.2	ug/m³ Air	TO-15	
Hexane	**940**	3.6	ug/m³ Air	TO-15	
Tetrahydrofuran	**8.7**	3.0	ug/m³ Air	TO-15	
1,2,4-Trimethylbenzene	**12**	5.0	ug/m³ Air	TO-15	
2-Butanone (MEK)	**34**	15	ug/m³ Air	TO-15	
Benzene	**54**	3.3	ug/m³ Air	TO-15	
Toluene	**140**	3.8	ug/m³ Air	TO-15	
Ethylbenzene	**9.9**	4.4	ug/m³ Air	TO-15	
m,p-Xylene	**57**	8.8	ug/m³ Air	TO-15	
o-Xylene	**13**	4.4	ug/m³ Air	TO-15	

Sample ID: B4 - SG5 **Laboratory ID:** T163340-04

Analyte	Result	Reporting Limit	Units	Method	Notes
Cyclohexane	**390**	170	ug/m³ Air	TO-15	TO-14
Heptane	**810**	210	ug/m³ Air	TO-15	TO-14

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Partner Engineering & Science, Inc.--San Francisco	Project: 5696 Stevens Creek Blvd, San Jose, CA 95129	
111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	01/05/17 16:47

Sample ID: B4 - SG5 **Laboratory ID:** T163340-04

Analyte	Result	Reporting Limit	Units	Method	Notes
Hexane	**1700**	180	ug/m³ Air	TO-15	TO-14
Toluene	**230**	190	ug/m³ Air	TO-15	TO-14

Sample ID: B5 - SG5 **Laboratory ID:** T163340-05

Analyte	Result	Reporting Limit	Units	Method	Notes
Cyclohexane	**310**	170	ug/m³ Air	TO-15	TO-14
Heptane	**730**	210	ug/m³ Air	TO-15	TO-14
Hexane	**1400**	180	ug/m³ Air	TO-15	TO-14

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Partner Engineering & Science, Inc.--San Francisco	Project: 5696 Stevens Creek Blvd, San Jose, CA 95129	
111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	01/05/17 16:47

B1 - SG5

T163340-01 (Air)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
TO-15									
Acetone	ND	120	ug/m³ Air	1.55	6122925	12/29/16	12/29/16	TO-15	TO-14
1,3-Butadiene	ND	110	"	"	"	"	"	"	TO-14
Carbon Disulfide	ND	160	"	"	"	"	"	"	TO-14
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	390	"	"	"	"	"	"	TO-14
Isopropyl alcohol	ND	130	"	"	"	"	"	"	TO-14
Bromodichloromethane	ND	340	"	"	"	"	"	"	TO-14
Bromoform	ND	530	"	"	"	"	"	"	TO-14
Bromomethane	ND	200	"	"	"	"	"	"	TO-14
Carbon tetrachloride	ND	320	"	"	"	"	"	"	TO-14
Chlorobenzene	ND	230	"	"	"	"	"	"	TO-14
Chloroethane	ND	130	"	"	"	"	"	"	TO-14
Chloroform	ND	250	"	"	"	"	"	"	TO-14
Chloromethane	ND	110	"	"	"	"	"	"	TO-14
Cyclohexane	ND	170	"	"	"	"	"	"	TO-14
Heptane	ND	210	"	"	"	"	"	"	TO-14
Hexane	ND	180	"	"	"	"	"	"	TO-14
Dibromochloromethane	ND	430	"	"	"	"	"	"	TO-14
1,2-Dibromoethane (EDB)	ND	390	"	"	"	"	"	"	TO-14
1,2-Dichlorobenzene	ND	310	"	"	"	"	"	"	TO-14
1,3-Dichlorobenzene	ND	310	"	"	"	"	"	"	TO-14
1,4-Dichlorobenzene	ND	310	"	"	"	"	"	"	TO-14
Dichlorodifluoromethane	ND	250	"	"	"	"	"	"	TO-14
1,1-Dichloroethane	ND	210	"	"	"	"	"	"	TO-14
1,2-Dichloroethane	ND	210	"	"	"	"	"	"	TO-14
1,1-Dichloroethene	ND	200	"	"	"	"	"	"	TO-14
cis-1,2-Dichloroethene	ND	200	"	"	"	"	"	"	TO-14
trans-1,2-Dichloroethene	ND	200	"	"	"	"	"	"	TO-14
1,2-Dichloropropane	ND	240	"	"	"	"	"	"	TO-14
cis-1,3-Dichloropropene	ND	230	"	"	"	"	"	"	TO-14
trans-1,3-Dichloropropene	ND	230	"	"	"	"	"	"	TO-14
4-Ethyltoluene	ND	250	"	"	"	"	"	"	TO-14

SunStar Laboratories, Inc.

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Lisa Nguyen, Project Manager Assistant

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Partner Engineering & Science, Inc.--San Francisco	Project: 5696 Stevens Creek Blvd, San Jose, CA 95129	
111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	01/05/17 16:47

B1 - SG5

T163340-01 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Methylene chloride	ND	180	ug/m³ Air	1.55	6122925	12/29/16	12/29/16	TO-15	TO-14
Styrene	ND	220	"	"	"	"	"	"	TO-14
1,1,2,2-Tetrachloroethane	ND	350	"	"	"	"	"	"	TO-14
Tetrahydrofuran	ND	150	"	"	"	"	"	"	TO-14
Tetrachloroethene	ND	350	"	"	"	"	"	"	TO-14
1,1,2-Trichloroethane	ND	280	"	"	"	"	"	"	TO-14
1,1,1-Trichloroethane	ND	280	"	"	"	"	"	"	TO-14
Trichloroethene	**770**	270	"	"	"	"	"	"	TO-14
Trichlorofluoromethane	ND	290	"	"	"	"	"	"	TO-14
1,3,5-Trimethylbenzene	ND	250	"	"	"	"	"	"	TO-14
1,2,4-Trimethylbenzene	ND	250	"	"	"	"	"	"	TO-14
Vinyl acetate	ND	180	"	"	"	"	"	"	TO-14
Vinyl chloride	ND	130	"	"	"	"	"	"	TO-14
1,4-Dioxane	ND	180	"	"	"	"	"	"	TO-14
2-Butanone (MEK)	ND	150	"	"	"	"	"	"	TO-14
Methyl isobutyl ketone	ND	210	"	"	"	"	"	"	TO-14
Benzene	ND	160	"	"	"	"	"	"	TO-14
Toluene	ND	190	"	"	"	"	"	"	TO-14
Ethylbenzene	ND	220	"	"	"	"	"	"	TO-14
m,p-Xylene	ND	220	"	"	"	"	"	"	TO-14
o-Xylene	ND	220	"	"	"	"	"	"	TO-14

SunStar Laboratories, Inc.

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Lisa Nguyen, Project Manager Assistant

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Providing Quality Analytical Services Nationwide

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Partner Engineering & Science, Inc.--San Francisco	Project: 5696 Stevens Creek Blvd, San Jose, CA 95129	
111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	01/05/17 16:47

B2 - SG5

T163340-02 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	ND	120	ug/m³ Air	3.05	6122925	12/29/16	12/29/16	TO-15	TO-14
1,3-Butadiene	ND	110	"	"	"	"	"	"	TO-14
Carbon Disulfide	ND	160	"	"	"	"	"	"	TO-14
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	390	"	"	"	"	"	"	TO-14
Isopropyl alcohol	ND	130	"	"	"	"	"	"	TO-14
Bromodichloromethane	ND	340	"	"	"	"	"	"	TO-14
Bromoform	ND	530	"	"	"	"	"	"	TO-14
Bromomethane	ND	200	"	"	"	"	"	"	TO-14
Carbon tetrachloride	ND	320	"	"	"	"	"	"	TO-14
Chlorobenzene	ND	230	"	"	"	"	"	"	TO-14
Chloroethane	ND	130	"	"	"	"	"	"	TO-14
Chloroform	ND	250	"	"	"	"	"	"	TO-14
Chloromethane	ND	110	"	"	"	"	"	"	TO-14
Cyclohexane	ND	170	"	"	"	"	"	"	TO-14
Heptane	ND	210	"	"	"	"	"	"	TO-14
Hexane	ND	180	"	"	"	"	"	"	TO-14
Dibromochloromethane	ND	430	"	"	"	"	"	"	TO-14
1,2-Dibromoethane (EDB)	ND	390	"	"	"	"	"	"	TO-14
1,2-Dichlorobenzene	ND	310	"	"	"	"	"	"	TO-14
1,3-Dichlorobenzene	ND	310	"	"	"	"	"	"	TO-14
1,4-Dichlorobenzene	ND	310	"	"	"	"	"	"	TO-14
Dichlorodifluoromethane	ND	250	"	"	"	"	"	"	TO-14
1,1-Dichloroethane	ND	210	"	"	"	"	"	"	TO-14
1,2-Dichloroethane	ND	210	"	"	"	"	"	"	TO-14
1,1-Dichloroethene	ND	200	"	"	"	"	"	"	TO-14
cis-1,2-Dichloroethene	ND	200	"	"	"	"	"	"	TO-14
trans-1,2-Dichloroethene	ND	200	"	"	"	"	"	"	TO-14
1,2-Dichloropropane	ND	240	"	"	"	"	"	"	TO-14
cis-1,3-Dichloropropene	ND	230	"	"	"	"	"	"	TO-14
trans-1,3-Dichloropropene	ND	230	"	"	"	"	"	"	TO-14
4-Ethyltoluene	ND	250	"	"	"	"	"	"	TO-14

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Lisa Nguyen, Project Manager Assistant

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Providing Quality Analytical Services Nationwide

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Partner Engineering & Science, Inc.--San Francisco	Project: 5696 Stevens Creek Blvd, San Jose, CA 95129	
111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	01/05/17 16:47

B2 - SG5

T163340-02 (Air)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
TO-15									
Methylene chloride	ND	180	ug/m³ Air	3.05	6122925	12/29/16	12/29/16	TO-15	TO-14
Styrene	ND	220	"	"	"	"	"	"	TO-14
1,1,2,2-Tetrachloroethane	ND	350	"	"	"	"	"	"	TO-14
Tetrahydrofuran	ND	150	"	"	"	"	"	"	TO-14
Tetrachloroethene	ND	350	"	"	"	"	"	"	TO-14
1,1,2-Trichloroethane	ND	280	"	"	"	"	"	"	TO-14
1,1,1-Trichloroethane	ND	280	"	"	"	"	"	"	TO-14
Trichloroethene	**1200**	270	"	"	"	"	"	"	TO-14
Trichlorofluoromethane	ND	290	"	"	"	"	"	"	TO-14
1,3,5-Trimethylbenzene	ND	250	"	"	"	"	"	"	TO-14
1,2,4-Trimethylbenzene	ND	250	"	"	"	"	"	"	TO-14
Vinyl acetate	ND	180	"	"	"	"	"	"	TO-14
Vinyl chloride	ND	130	"	"	"	"	"	"	TO-14
1,4-Dioxane	ND	180	"	"	"	"	"	"	TO-14
2-Butanone (MEK)	ND	150	"	"	"	"	"	"	TO-14
Methyl isobutyl ketone	ND	210	"	"	"	"	"	"	TO-14
Benzene	ND	160	"	"	"	"	"	"	TO-14
Toluene	ND	190	"	"	"	"	"	"	TO-14
Ethylbenzene	ND	220	"	"	"	"	"	"	TO-14
m,p-Xylene	ND	220	"	"	"	"	"	"	TO-14
o-Xylene	ND	220	"	"	"	"	"	"	TO-14

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Partner Engineering & Science, Inc.--San Francisco	Project: 5696 Stevens Creek Blvd, San Jose, CA 95129	
111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	01/05/17 16:47

B3 - SG5

T163340-03 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**170**	12	ug/m³ Air	2.16	6122925	12/29/16	12/30/16	TO-15	
1,3-Butadiene	ND	4.5	"	"	"	"	"	"	
Carbon Disulfide	**15**	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"	"	"	"	"	"	
Isopropyl alcohol	ND	13	"	"	"	"	"	"	
Bromodichloromethane	**16**	6.8	"	"	"	"	"	"	
Bromoform	ND	11	"	"	"	"	"	"	
Bromomethane	ND	4.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Chloroethane	ND	2.7	"	"	"	"	"	"	
Chloroform	ND	5.0	"	"	"	"	"	"	
Chloromethane	ND	11	"	"	"	"	"	"	
Cyclohexane	**120**	3.5	"	"	"	"	"	"	
Heptane	**450**	4.2	"	"	"	"	"	"	
Hexane	**940**	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	6.1	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
Methylene chloride	ND	3.5	"	"	"	"	"	"	

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San Francisco CA, 94111	Project Manager: Joe Mangine	01/05/17 16:47

B3 - SG5

T163340-03 (Air)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
TO-15									
Styrene	ND	4.3	ug/m³ Air	2.16	6122925	12/29/16	12/30/16	TO-15	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Tetrahydrofuran	**8.7**	3.0	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.6	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**12**	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	18	"	"	"	"	"	"	
2-Butanone (MEK)	**34**	15	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	42	"	"	"	"	"	"	
Benzene	**54**	3.3	"	"	"	"	"	"	
Toluene	**140**	3.8	"	"	"	"	"	"	
Ethylbenzene	**9.9**	4.4	"	"	"	"	"	"	
m,p-Xylene	**57**	8.8	"	"	"	"	"	"	
o-Xylene	**13**	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*75.7 %*		*40-160*	"	"	"	"	

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B4 - SG5

T163340-04 (Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	ND	120	ug/m³ Air	2.75	6122925	12/29/16	12/29/16	TO-15	TO-14
1,3-Butadiene	ND	110	"	"	"	"	"	"	TO-14
Carbon Disulfide	ND	160	"	"	"	"	"	"	TO-14
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	390	"	"	"	"	"	"	TO-14
Isopropyl alcohol	ND	130	"	"	"	"	"	"	TO-14
Bromodichloromethane	ND	340	"	"	"	"	"	"	TO-14
Bromoform	ND	530	"	"	"	"	"	"	TO-14
Bromomethane	ND	200	"	"	"	"	"	"	TO-14
Carbon tetrachloride	ND	320	"	"	"	"	"	"	TO-14
Chlorobenzene	ND	230	"	"	"	"	"	"	TO-14
Chloroethane	ND	130	"	"	"	"	"	"	TO-14
Chloroform	ND	250	"	"	"	"	"	"	TO-14
Chloromethane	ND	110	"	"	"	"	"	"	TO-14
Cyclohexane	**390**	170	"	"	"	"	"	"	TO-14
Heptane	**810**	210	"	"	"	"	"	"	TO-14
Hexane	**1700**	180	"	"	"	"	"	"	TO-14
Dibromochloromethane	ND	430	"	"	"	"	"	"	TO-14
1,2-Dibromoethane (EDB)	ND	390	"	"	"	"	"	"	TO-14
1,2-Dichlorobenzene	ND	310	"	"	"	"	"	"	TO-14
1,3-Dichlorobenzene	ND	310	"	"	"	"	"	"	TO-14
1,4-Dichlorobenzene	ND	310	"	"	"	"	"	"	TO-14
Dichlorodifluoromethane	ND	250	"	"	"	"	"	"	TO-14
1,1-Dichloroethane	ND	210	"	"	"	"	"	"	TO-14
1,2-Dichloroethane	ND	210	"	"	"	"	"	"	TO-14
1,1-Dichloroethene	ND	200	"	"	"	"	"	"	TO-14
cis-1,2-Dichloroethene	ND	200	"	"	"	"	"	"	TO-14
trans-1,2-Dichloroethene	ND	200	"	"	"	"	"	"	TO-14
1,2-Dichloropropane	ND	240	"	"	"	"	"	"	TO-14
cis-1,3-Dichloropropene	ND	230	"	"	"	"	"	"	TO-14
trans-1,3-Dichloropropene	ND	230	"	"	"	"	"	"	TO-14
4-Ethyltoluene	ND	250	"	"	"	"	"	"	TO-14

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111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	01/05/17 16:47

B4 - SG5

T163340-04 (Air)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
TO-15									
Methylene chloride	ND	180	ug/m³ Air	2.75	6122925	12/29/16	12/29/16	TO-15	TO-14
Styrene	ND	220	"	"	"	"	"	"	TO-14
1,1,2,2-Tetrachloroethane	ND	350	"	"	"	"	"	"	TO-14
Tetrahydrofuran	ND	150	"	"	"	"	"	"	TO-14
Tetrachloroethene	ND	350	"	"	"	"	"	"	TO-14
1,1,2-Trichloroethane	ND	280	"	"	"	"	"	"	TO-14
1,1,1-Trichloroethane	ND	280	"	"	"	"	"	"	TO-14
Trichloroethene	ND	270	"	"	"	"	"	"	TO-14
Trichlorofluoromethane	ND	290	"	"	"	"	"	"	TO-14
1,3,5-Trimethylbenzene	ND	250	"	"	"	"	"	"	TO-14
1,2,4-Trimethylbenzene	ND	250	"	"	"	"	"	"	TO-14
Vinyl acetate	ND	180	"	"	"	"	"	"	TO-14
Vinyl chloride	ND	130	"	"	"	"	"	"	TO-14
1,4-Dioxane	ND	180	"	"	"	"	"	"	TO-14
2-Butanone (MEK)	ND	150	"	"	"	"	"	"	TO-14
Methyl isobutyl ketone	ND	210	"	"	"	"	"	"	TO-14
Benzene	ND	160	"	"	"	"	"	"	TO-14
Toluene	**230**	190	"	"	"	"	"	"	TO-14
Ethylbenzene	ND	220	"	"	"	"	"	"	TO-14
m,p-Xylene	ND	220	"	"	"	"	"	"	TO-14
o-Xylene	ND	220	"	"	"	"	"	"	TO-14

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San Francisco CA, 94111	Project Manager: Joe Mangine	01/05/17 16:47

B5 - SG5

T163340-05 (Air)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
TO-15									
Acetone	ND	120	ug/m³ Air	2.42	6122925	12/29/16	12/29/16	TO-15	TO-14
1,3-Butadiene	ND	110	"	"	"	"	"	"	TO-14
Carbon Disulfide	ND	160	"	"	"	"	"	"	TO-14
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	390	"	"	"	"	"	"	TO-14
Isopropyl alcohol	ND	130	"	"	"	"	"	"	TO-14
Bromodichloromethane	ND	340	"	"	"	"	"	"	TO-14
Bromoform	ND	530	"	"	"	"	"	"	TO-14
Bromomethane	ND	200	"	"	"	"	"	"	TO-14
Carbon tetrachloride	ND	320	"	"	"	"	"	"	TO-14
Chlorobenzene	ND	230	"	"	"	"	"	"	TO-14
Chloroethane	ND	130	"	"	"	"	"	"	TO-14
Chloroform	ND	250	"	"	"	"	"	"	TO-14
Chloromethane	ND	110	"	"	"	"	"	"	TO-14
Cyclohexane	**310**	170	"	"	"	"	"	"	TO-14
Heptane	**730**	210	"	"	"	"	"	"	TO-14
Hexane	**1400**	180	"	"	"	"	"	"	TO-14
Dibromochloromethane	ND	430	"	"	"	"	"	"	TO-14
1,2-Dibromoethane (EDB)	ND	390	"	"	"	"	"	"	TO-14
1,2-Dichlorobenzene	ND	310	"	"	"	"	"	"	TO-14
1,3-Dichlorobenzene	ND	310	"	"	"	"	"	"	TO-14
1,4-Dichlorobenzene	ND	310	"	"	"	"	"	"	TO-14
Dichlorodifluoromethane	ND	250	"	"	"	"	"	"	TO-14
1,1-Dichloroethane	ND	210	"	"	"	"	"	"	TO-14
1,2-Dichloroethane	ND	210	"	"	"	"	"	"	TO-14
1,1-Dichloroethene	ND	200	"	"	"	"	"	"	TO-14
cis-1,2-Dichloroethene	ND	200	"	"	"	"	"	"	TO-14
trans-1,2-Dichloroethene	ND	200	"	"	"	"	"	"	TO-14
1,2-Dichloropropane	ND	240	"	"	"	"	"	"	TO-14
cis-1,3-Dichloropropene	ND	230	"	"	"	"	"	"	TO-14
trans-1,3-Dichloropropene	ND	230	"	"	"	"	"	"	TO-14
4-Ethyltoluene	ND	250	"	"	"	"	"	"	TO-14

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B5 - SG5

T163340-05 (Air)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
TO-15									
Methylene chloride	ND	180	ug/m³ Air	2.42	6122925	12/29/16	12/29/16	TO-15	TO-14
Styrene	ND	220	"	"	"	"	"	"	TO-14
1,1,2,2-Tetrachloroethane	ND	350	"	"	"	"	"	"	TO-14
Tetrahydrofuran	ND	150	"	"	"	"	"	"	TO-14
Tetrachloroethene	ND	350	"	"	"	"	"	"	TO-14
1,1,2-Trichloroethane	ND	280	"	"	"	"	"	"	TO-14
1,1,1-Trichloroethane	ND	280	"	"	"	"	"	"	TO-14
Trichloroethene	ND	270	"	"	"	"	"	"	TO-14
Trichlorofluoromethane	ND	290	"	"	"	"	"	"	TO-14
1,3,5-Trimethylbenzene	ND	250	"	"	"	"	"	"	TO-14
1,2,4-Trimethylbenzene	ND	250	"	"	"	"	"	"	TO-14
Vinyl acetate	ND	180	"	"	"	"	"	"	TO-14
Vinyl chloride	ND	130	"	"	"	"	"	"	TO-14
1,4-Dioxane	ND	180	"	"	"	"	"	"	TO-14
2-Butanone (MEK)	ND	150	"	"	"	"	"	"	TO-14
Methyl isobutyl ketone	ND	210	"	"	"	"	"	"	TO-14
Benzene	ND	160	"	"	"	"	"	"	TO-14
Toluene	ND	190	"	"	"	"	"	"	TO-14
Ethylbenzene	ND	220	"	"	"	"	"	"	TO-14
m,p-Xylene	ND	220	"	"	"	"	"	"	TO-14
o-Xylene	ND	220	"	"	"	"	"	"	TO-14

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111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	01/05/17 16:47

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6122925 - Canister Analysis										
Blank (6122925-BLK1)				Prepared: 12/29/16 Analyzed: 12/30/16						
Acetone	ND	12	ug/m³ Air							
1,3-Butadiene	ND	4.5	"							
Carbon Disulfide	ND	3.2	"							
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"							
Isopropyl alcohol	ND	13	"							
Bromodichloromethane	ND	6.8	"							
Bromoform	ND	11	"							
Bromomethane	ND	4.0	"							
Carbon tetrachloride	ND	6.4	"							
Chlorobenzene	ND	4.7	"							
Chloroethane	ND	2.7	"							
Chloroform	ND	5.0	"							
Chloromethane	ND	11	"							
Cyclohexane	ND	3.5	"							
Heptane	ND	4.2	"							
Hexane	ND	3.6	"							
Dibromochloromethane	ND	8.7	"							
1,2-Dibromoethane (EDB)	ND	7.8	"							
1,2-Dichlorobenzene	ND	6.1	"							
1,3-Dichlorobenzene	ND	6.1	"							
1,4-Dichlorobenzene	ND	6.1	"							
Dichlorodifluoromethane	ND	5.0	"							
1,1-Dichloroethane	ND	4.1	"							
1,2-Dichloroethane	ND	4.1	"							
1,1-Dichloroethene	ND	4.0	"							
cis-1,2-Dichloroethene	ND	4.0	"							
trans-1,2-Dichloroethene	ND	4.0	"							
1,2-Dichloropropane	ND	4.7	"							
cis-1,3-Dichloropropene	ND	4.6	"							
trans-1,3-Dichloropropene	ND	4.6	"							
4-Ethyltoluene	ND	5.0	"							
Methylene chloride	ND	3.5	"							
Styrene	ND	4.3	"							
1,1,2,2-Tetrachloroethane	ND	7.0	"							
Tetrahydrofuran	ND	3.0	"							

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San Francisco CA, 94111	Project Manager: Joe Mangine	01/05/17 16:47

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6122925 - Canister Analysis										
Blank (6122925-BLK1)				Prepared: 12/29/16 Analyzed: 12/30/16						
Tetrachloroethene	ND	6.9	ug/m³ Air							
1,1,2-Trichloroethane	ND	5.6	"							
1,1,1-Trichloroethane	ND	5.6	"							
Trichloroethene	ND	5.5	"							
Trichlorofluoromethane	ND	5.7	"							
1,3,5-Trimethylbenzene	ND	5.0	"							
1,2,4-Trimethylbenzene	ND	5.0	"							
Vinyl acetate	ND	3.6	"							
Vinyl chloride	ND	2.6	"							
1,4-Dioxane	ND	18	"							
2-Butanone (MEK)	ND	15	"							
Methyl isobutyl ketone	ND	42	"							
Surrogate: 4-Bromofluorobenzene	*36.7*		"	*45.3*		*81.1*	*40-160*			
Duplicate (6122925-DUP1)	**Source: T163337-01**			Prepared: 12/29/16 Analyzed: 12/30/16						
Acetone	68.6	12	ug/m³ Air		68.6			0.00	30	
1,3-Butadiene	ND	4.5	"		ND				30	
Carbon Disulfide	ND	3.2	"		ND				30	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	7.7	"		ND				30	
Isopropyl alcohol	ND	13	"		ND				30	
Bromodichloromethane	ND	6.8	"		ND				30	
Bromoform	ND	11	"		ND				30	
Bromomethane	ND	4.0	"		ND				30	
Carbon tetrachloride	ND	6.4	"		ND				30	
Chlorobenzene	ND	4.7	"		ND				30	
Chloroethane	ND	2.7	"		ND				30	
Chloroform	ND	5.0	"		ND				30	
Chloromethane	ND	11	"		ND				30	
Cyclohexane	ND	3.5	"		ND				30	
Heptane	ND	4.2	"		ND				30	
Hexane	ND	3.6	"		ND				30	
Dibromochloromethane	ND	8.7	"		ND				30	
1,2-Dibromoethane (EDB)	ND	7.8	"		ND				30	
1,2-Dichlorobenzene	ND	6.1	"		ND				30	
1,3-Dichlorobenzene	ND	6.1	"		ND				30	

SunStar Laboratories, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Lisa Nguyen, Project Manager Assistant

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Partner Engineering & Science, Inc.--San Francisco	Project: 5696 Stevens Creek Blvd, San Jose, CA 95129	
111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	01/05/17 16:47

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6122925 - Canister Analysis										
Duplicate (6122925-DUP1)	**Source: T163337-01**		Prepared: 12/29/16 Analyzed: 12/30/16							
1,4-Dichlorobenzene	ND	6.1	ug/m³ Air		ND				30	
Dichlorodifluoromethane	ND	5.0	"		ND				30	
1,1-Dichloroethane	ND	4.1	"		ND				30	
1,2-Dichloroethane	ND	4.1	"		ND				30	
1,1-Dichloroethene	ND	4.0	"		ND				30	
cis-1,2-Dichloroethene	5.13	4.0	"		5.31			3.31	30	
trans-1,2-Dichloroethene	ND	4.0	"		ND				30	
1,2-Dichloropropane	ND	4.7	"		ND				30	
cis-1,3-Dichloropropene	ND	4.6	"		ND				30	
trans-1,3-Dichloropropene	ND	4.6	"		ND				30	
4-Ethyltoluene	ND	5.0	"		ND				30	
Methylene chloride	ND	3.5	"		ND				30	
Styrene	ND	4.3	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	7.0	"		ND				30	
Tetrahydrofuran	ND	3.0	"		ND				30	
Tetrachloroethene	21.6	6.9	"		22.6			4.46	30	
1,1,2-Trichloroethane	ND	5.6	"		ND				30	
1,1,1-Trichloroethane	ND	5.6	"		ND				30	
Trichloroethene	358	5.5	"		370			3.22	30	
Trichlorofluoromethane	ND	5.7	"		ND				30	
1,3,5-Trimethylbenzene	ND	5.0	"		ND				30	
1,2,4-Trimethylbenzene	ND	5.0	"		ND				30	
Vinyl acetate	ND	3.6	"		ND				30	
Vinyl chloride	ND	2.6	"		ND				30	
1,4-Dioxane	ND	18	"		ND				30	
2-Butanone (MEK)	ND	15	"		ND				30	
Methyl isobutyl ketone	ND	42	"		ND				30	
Surrogate: 4-Bromofluorobenzene	*35.0*		*"*	*45.3*		*77.4*	*40-160*			

SunStar Laboratories, Inc.

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Lisa Nguyen, Project Manager Assistant

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
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949.297.5027 Fax

Partner Engineering & Science, Inc.--San Francisco	Project: 5696 Stevens Creek Blvd, San Jose, CA 95129	
111 Pine St. Suite 1750	Project Number: 16-174952.1	**Reported:**
San Francisco CA, 94111	Project Manager: Joe Mangine	01/05/17 16:47

Notes and Definitions

TO-14	TO-15 analysis of sample was not performed due to high concentration of analyte(s). Sample was analyzed utilizing method TO-14 and reporting limit has been adjusted accordingly.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

SunStar Laboratories, Inc.

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Lisa Nguyen, Project Manager Assistant

AIR LABORATORY

Chain of Custody Record

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE
25712 Commercentre Drive, Lake Forest, CA 92630
949-297-5020

Client: Partner Engineering & Science, Inc.
Address:
Phone: Fax:
Project Manager: Joe Mangine

Date: 12/21/2016 Page: 1 Of 1
Project Name: 5696 Stevens Creek Blvd., San Jose, CA 95129
Collector: B. Kim Client Project #: 16-174952.1
Batch #: T163340 EDF #:

Sample ID	Date Sampled	Start Time	Finish Time	Sample Type: Soil Gas / Indoor Air	Container Type: Summa Can / Tedlar	Initial Pressure	Final Pressure	TO-3	TO-14	TO-15 /VOCs	8015m Methane	8015m Gasoline	Fixed Gases by TCD		Summa Can # / Comments	Laboratory ID #
B1-SG5	12/21/2016	10:58am	11:05am	SG:IG	Summa	-27	-2			X						01
B2-SG5		11:11 am	11:32am			-29	-16			X						02
B3-SG5		11:39am	11:56am			-28	-10			X						03
B4-SG5		12:01pm	12:24pm			-29	-15			X						04
B5-SG5		12:31pm	12:58pm			-25	-13			X						05

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
	12/22/2016 10:40	Ed Stevens	12/22/16 1040
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
GSO	12-28-16 1125		12-28-16 1125
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers
Chain of Custody seals (Y)/N/NA
Seals intact? (Y)/N/NA
Received good condition/cold -

Turn around time: 5-day

Notes

* TO-15 SIM analysis available upon prior notification. **(Precertified Summa cans needed)**

COCAL 166349

SunStar Laboratories Inc.
25712 Commercentre Dr.
Lake Forest, CA 92630

(949)297-5020
(949)297-5027 fax
(530)304-5525 Bill Hannell

Form F-LP0005-1.2

Effective Date: 01/01/2016

T163340

* PLEASE DO *NOT* WRITE ON OR PLACE LABELS ON SUMMA CANS

SunStar Laboratories

PROJECT: #16-174952.1

Canister Data Sheet

Client: PARTNER ESI_BRIAN K._12-14-16_9+2

Shipping Information				Sampling Information					
Canister Serial #		CHECK Date	Pressure (-30 +/- 2 psia)	Sample ID	Sample Date	Initial Pressure	Final Pressure	Sample Start Time	Sample Finish Time
SSAT:	0319	12/14/2016	-30	B1-SG5	12/21/2016	-27	-2	10:58 am	11:05 am
SSAT:	0450	12/14/2016	-30	B2-SG5	↓	-29	-16	11:11 am	11:32 am
SSAT:	0631	12/14/2016	-30	B3-SG5	↓	-28	-10	11:39 am	11:58 am
SSAT:	0642	12/14/2016	-30	B4-SG5	↓	-29	-15	12:01 pm	12:24 pm
SSAT:	0751	12/14/2016	-30	B5-SG5	↓	-25	-13	12:31 pm	12:58 pm
SSAT:	0763	12/14/2016	-30	—					
SSAT:	0079	12/14/2016	-30	PURGE CAN					
SSAT:	0356	12/14/2016	-30	PURGE CAN					
SSAT:	0351	12/14/2016	30	NITROGEN FILLED					
SSAT:	2046	12/14/2016		MANIFOLD (150)					
SSAT:	2067	12/14/2016		MANIFOLD (150)					

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T16 3340

Client Name: Partner ESI - SF

Project: 5696 Stevens Creek Blvd, San Jose, CA 95129

Delivered by: ☐ Client ☐ SunStar Courier ☒ GSO ☐ FedEx ☐ Other

If Courier, Received by: –

Date/Time Courier Received: –

Lab Received by: Dan

Date/Time Lab Received: 12/28/16 1125

Total number of coolers received: 1

Temperature: Cooler #1	–	°C +/- the CF (- 0.2°C) =	–	°C corrected temperature
Temperature: Cooler #2		°C +/- the CF (- 0.2°C) =		°C corrected temperature
Temperature: Cooler #3		°C +/- the CF (- 0.2°C) =		°C corrected temperature
Temperature criteria = ≤ 6°C (no frozen containers)		Within criteria?	☐ **Yes**	☐ **No**
If NO:				
Samples received on ice?		☐ Yes	☐ No → **Complete Non-Conformance Sheet**	
If on ice, samples received same day collected?		☐ Yes → Acceptable	☐ No → **Complete Non-Conformance Sheet**	

Custody seals intact on cooler/sample	☐ Yes	☐ No*	☒ N/A
Sample containers intact	☒ Yes	☐ No*	
Sample labels match Chain of Custody IDs	☒ Yes	☐ No*	
Total number of containers received match COC	☒ Yes	☐ No*	
Proper containers received for analyses requested on COC	☒ Yes	☐ No*	
Proper preservative indicated on COC/containers for analyses requested	☐ Yes	☐ No*	☒ N/A
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times	☒ **Yes**	☐ **No***	

* Complete Non-Conformance Receiving Sheet if checked

Cooler/Sample Review - Initials and date: AM 12/28/16

Comments:

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

T163340

Project Name: #16-174952.1				
Company: PARTNER ESI		Name:	BRIAN KIM	
		Phone:	415-680-8953	
Item		Quantity		Unit
2 oz Jars 24/CS				
4 oz Jars 24/CS				
8 oz Jars 12/CS				
40 ml unpreserved VOAs 100/box				
40 ml HCL-preserved VOAs 72/box				
250 ml Poly 24/CS				
1 Liter Poly 12/CS				
500 ml Poly 16/CS				
500 ml Amber Bottle Wide 12/CS				
1 Liter Amber Bottle 12/CS				
1 Gallon Poly 4/box				
5035 kits:(2)Sodium Bisulfate VOAs 72/box				
	(1) Methanol VOA 72/box			
	(1)Syringe 50/pack			
Lock-N-Load Handle 1/pack				
Tedlar Bags 10/pack				
Manifold, Inst. Sampler, Variable Sampler		2-MANIFOLDS (150)		CHARGE FOR 1
Sub Slab Insert w/ washer & N/F				
Soil Gas SS 16" Drop Tubes				
Gas Extraction Fittings				
Soil Gas Filters				
		# SENT	USED	UNUSED
Batch Certified Summa Canisters	400cc			
	1L	9 (2-P, 1-N)	7 (2-P)	2 (1-N)
	3L			
	6L			
Individually Certified Summa Canisters	400cc			
	1L			
	3L			
	6L			
Cooler (Small, Medium, Large) Number & Quantity				
Swagelok Fittings: Nuts/Ferrules, Ts		6-NUTS/FERRULES		CHARGE FOR 5
Other: Poly Tube, Valves,Silicon Tape, etc.				
Prepared By: SUNNY		Date: 12-14-16		
Reviewed By:		Date :		

Asset Check-In Receipt

SunStar Laboratories Inc.

T163340

Check-In Date: 12/28/2016

User Name: Martinez, Aaron

Asset Tag	Asset Type	Serial No	Location	Customer No.	Customer Name
0079 P (use)	1000cc: 1000cc Summa	0079	Sunstar Labs, Tustin Air Lab	Partner-Brian K.	Brian Kim
0319	1000cc: 1000cc Summa	0319	Sunstar Labs, Lake Forest Air Lab	Partner-Brian K.	Brian Kim
0351 ✓ (unuse)	1000cc: 1000cc Summa	0351	Sunstar Labs, Lake Forest Air Lab	Partner-Brian K.	Brian Kim
0356 P (use)	1000cc: 1000cc Summa	0356	Sunstar Labs, Lake Forest Air Lab	Partner-Brian K.	Brian Kim
0450	1000cc: 1000cc Summa	0450	Sunstar Labs, Tustin Air Lab	Partner-Brian K.	Brian Kim
0751	1000cc: 1000cc Summa	0751	Sunstar Labs, SunStar Labs - South	Partner-Brian K.	Brian Kim
0763 (NOT USED)	1000cc: 1000cc Summa	0763	Sunstar Labs, SunStar Labs - South	Partner-Brian K.	Brian Kim
2046	Vapor Manifold: Vapor Manifold	2046	Sunstar Labs, Lake Forest Air Lab	Partner-Brian K.	Brian Kim
2067	Vapor Manifold: Vapor Manifold	2067	Sunstar Labs, Lake Forest Air Lab	Partner-Brian K.	Brian Kim
631	1000cc: 1000cc Summa		Sunstar Labs, Tustin Air Lab	Partner-Brian K.	Brian Kim
642	1000cc: 1000cc Summa		Sunstar Labs, Tustin Air Lab	Partner-Brian K.	Brian Kim

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

Printed: 12/29/2016 10:42:03AM

WORK ORDER

T163340

Client:	**Partner Engineering & Science, Inc.--San Francisc**	**Project Manager:**	**Lisa Nguyen**
Project:	**5696 Stevens Creek Blvd, San Jose, CA 95129**	**Project Number:**	**16-174952.1**

Report To:
Partner Engineering & Science, Inc.--San Francisco
Joe Mangine
111 Pine St. Suite 1750
San Francisco, CA 94111

Date Due:	01/05/17 17:00 (5 day TAT)		
Received By:	Dan Marteski	Date Received:	12/28/16 11:25
Logged In By:	Aaron Martinez	Date Logged In:	12/28/16 17:45

Samples Received at:

Custody Seals	No	Received On Ice	No
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confin	No		

Analysis	Due	TAT	Expires	Comments
T163340-01 B1 - SG5 [Air] Sampled 12/21/16 10:58 (GMT-08:00) Pacific Time (US &				
TO-15	01/05/17 15:00	5	01/20/17 10:58	
T163340-02 B2 - SG5 [Air] Sampled 12/21/16 11:11 (GMT-08:00) Pacific Time (US &				
TO-15	01/05/17 15:00	5	01/20/17 11:11	
T163340-03 B3 - SG5 [Air] Sampled 12/21/16 11:39 (GMT-08:00) Pacific Time (US &				
TO-15	01/05/17 15:00	5	01/20/17 11:39	
T163340-04 B4 - SG5 [Air] Sampled 12/21/16 12:01 (GMT-08:00) Pacific Time (US &				
TO-15	01/05/17 15:00	5	01/20/17 12:01	
T163340-05 B5 - SG5 [Air] Sampled 12/21/16 12:31 (GMT-08:00) Pacific Time (US &				
TO-15	01/05/17 15:00	5	01/20/17 12:31	

Reviewed By _____ Date _____